

FIG. 3a

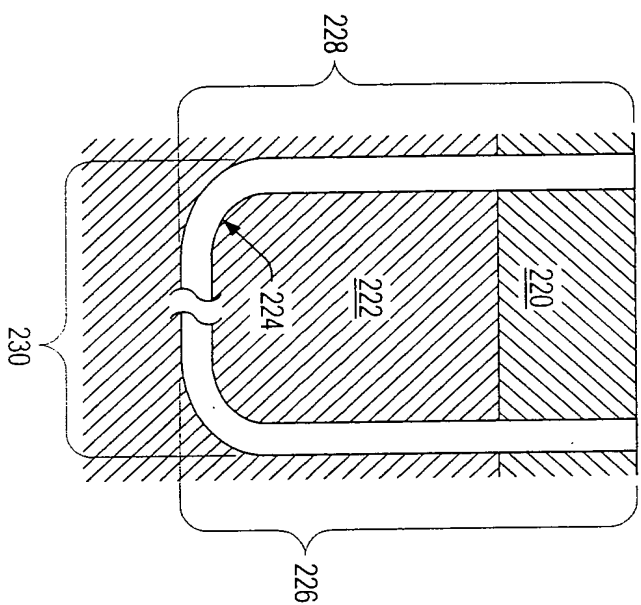


FIG. 3b

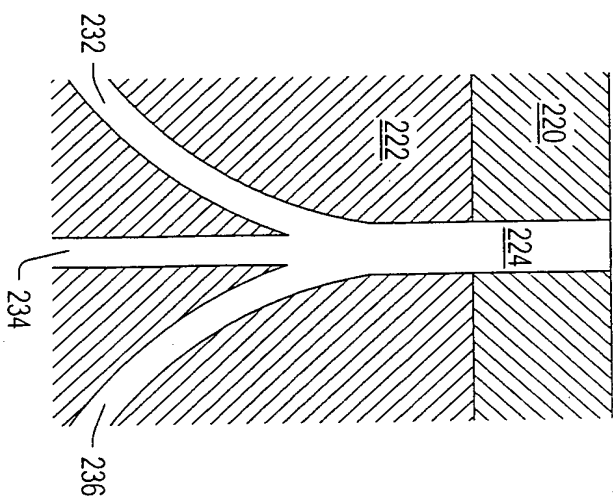


FIG. 3c

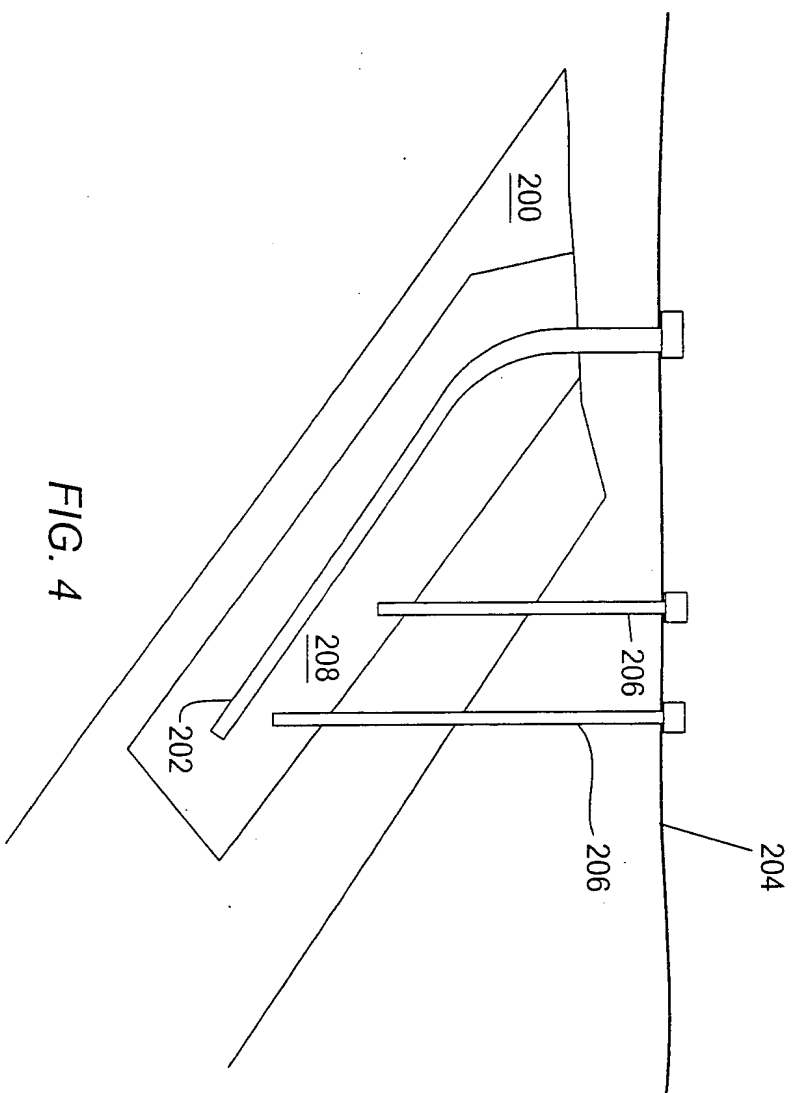


FIG. 4

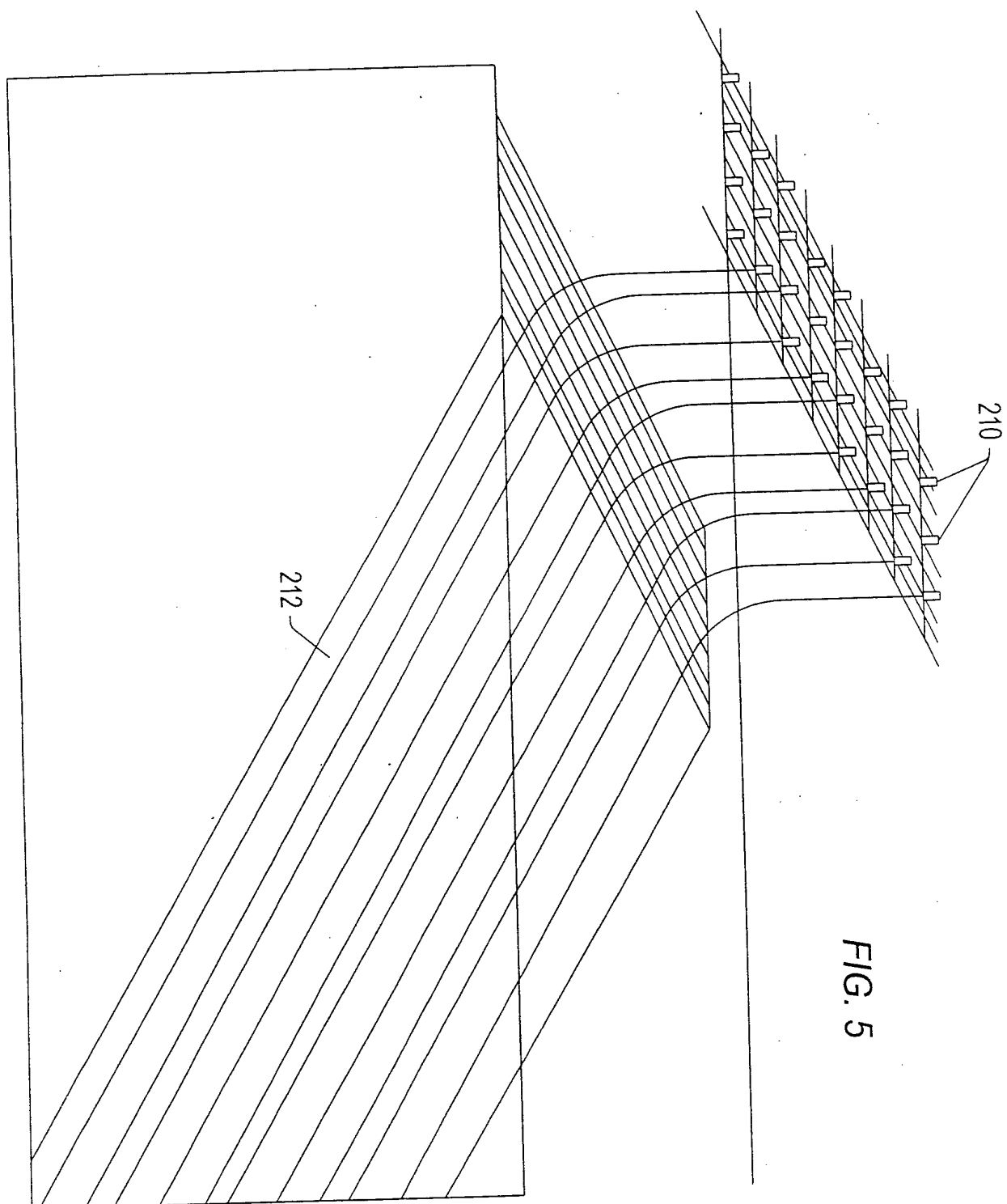


FIG. 7

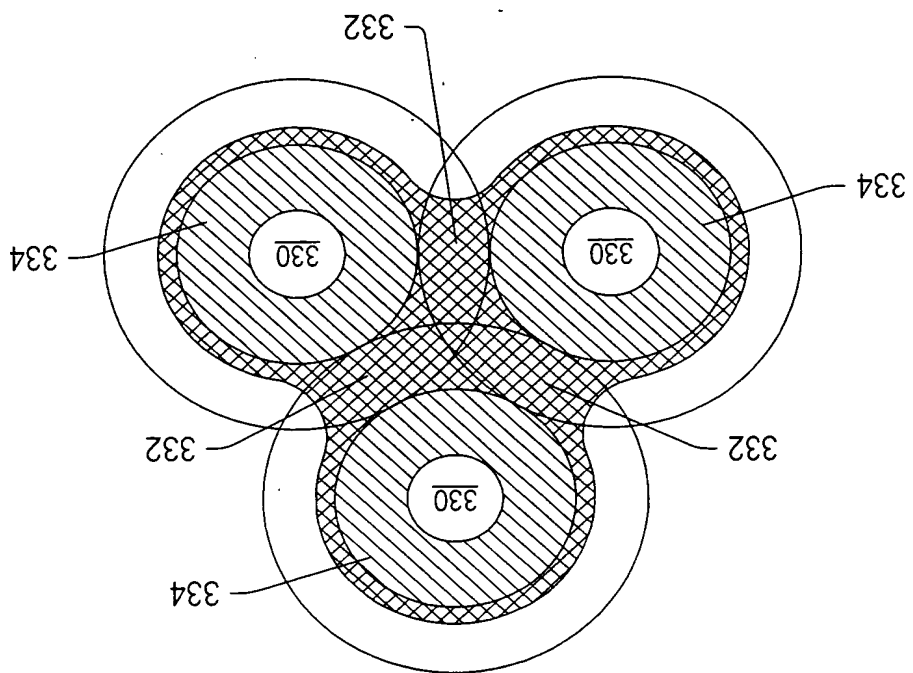
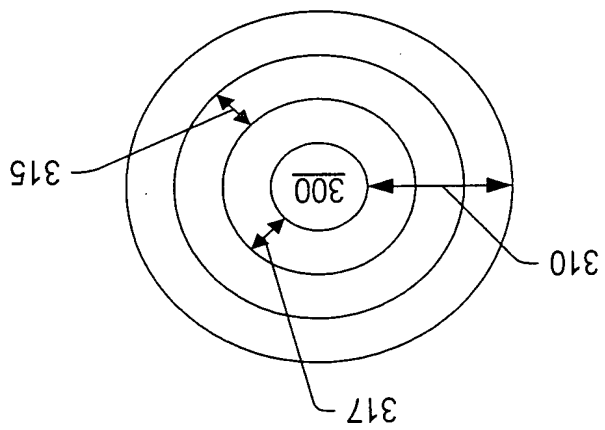


FIG. 6



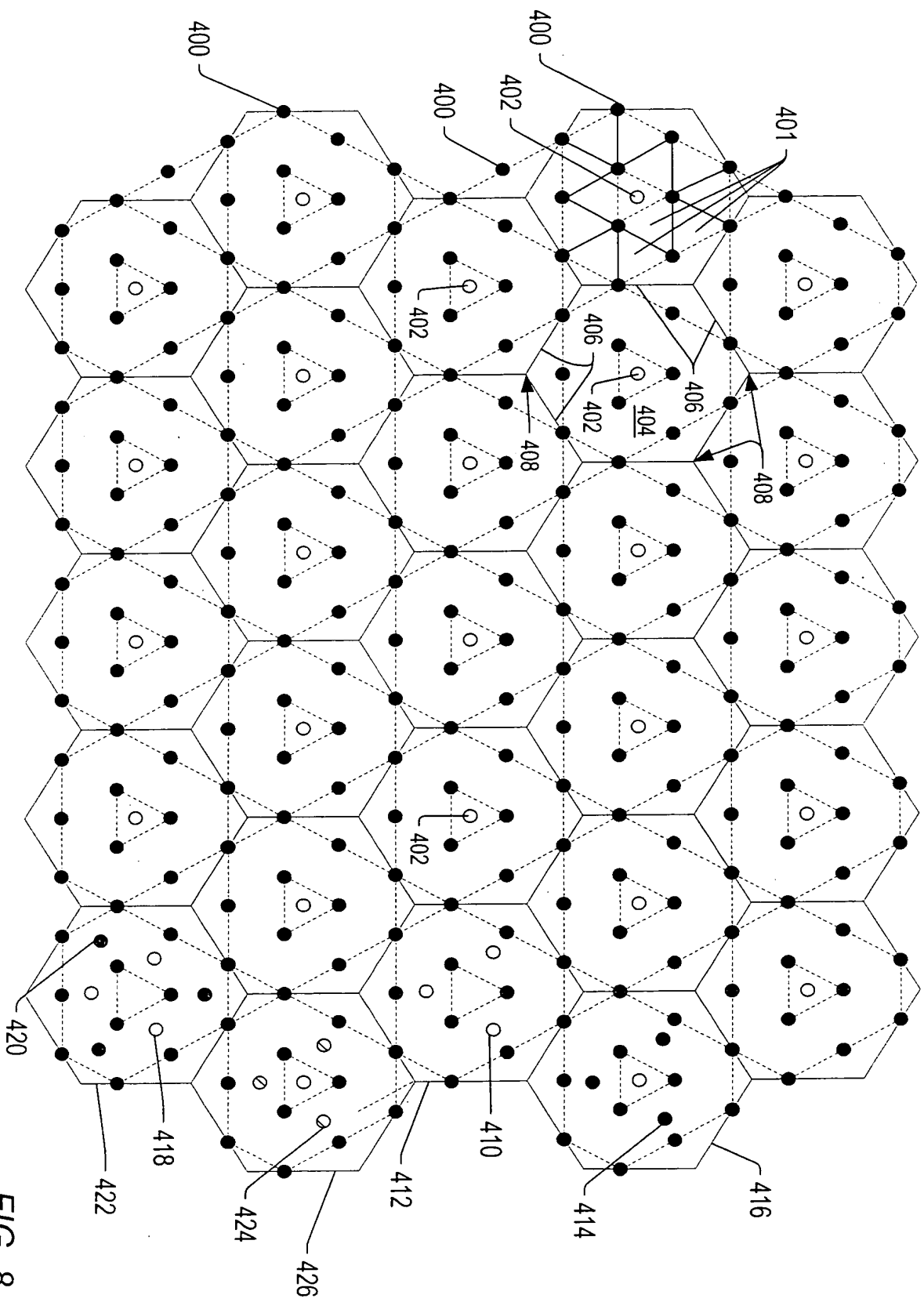


FIG. 8

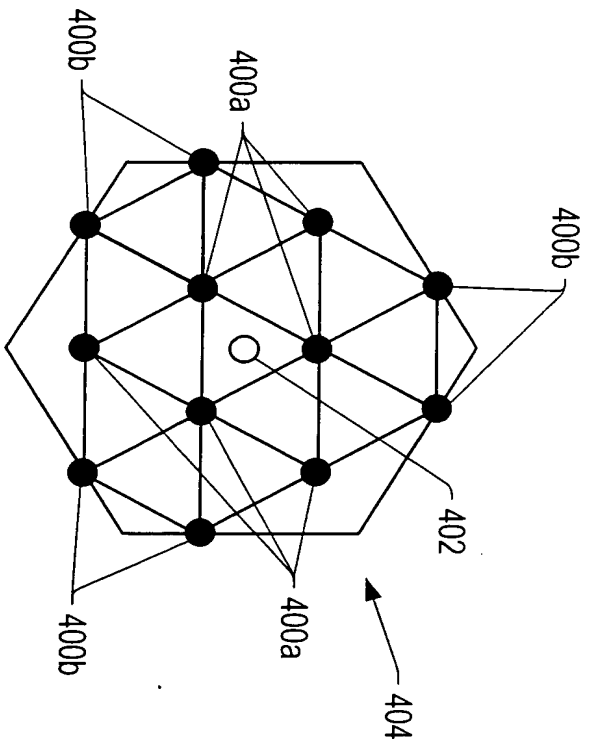


FIG. 9

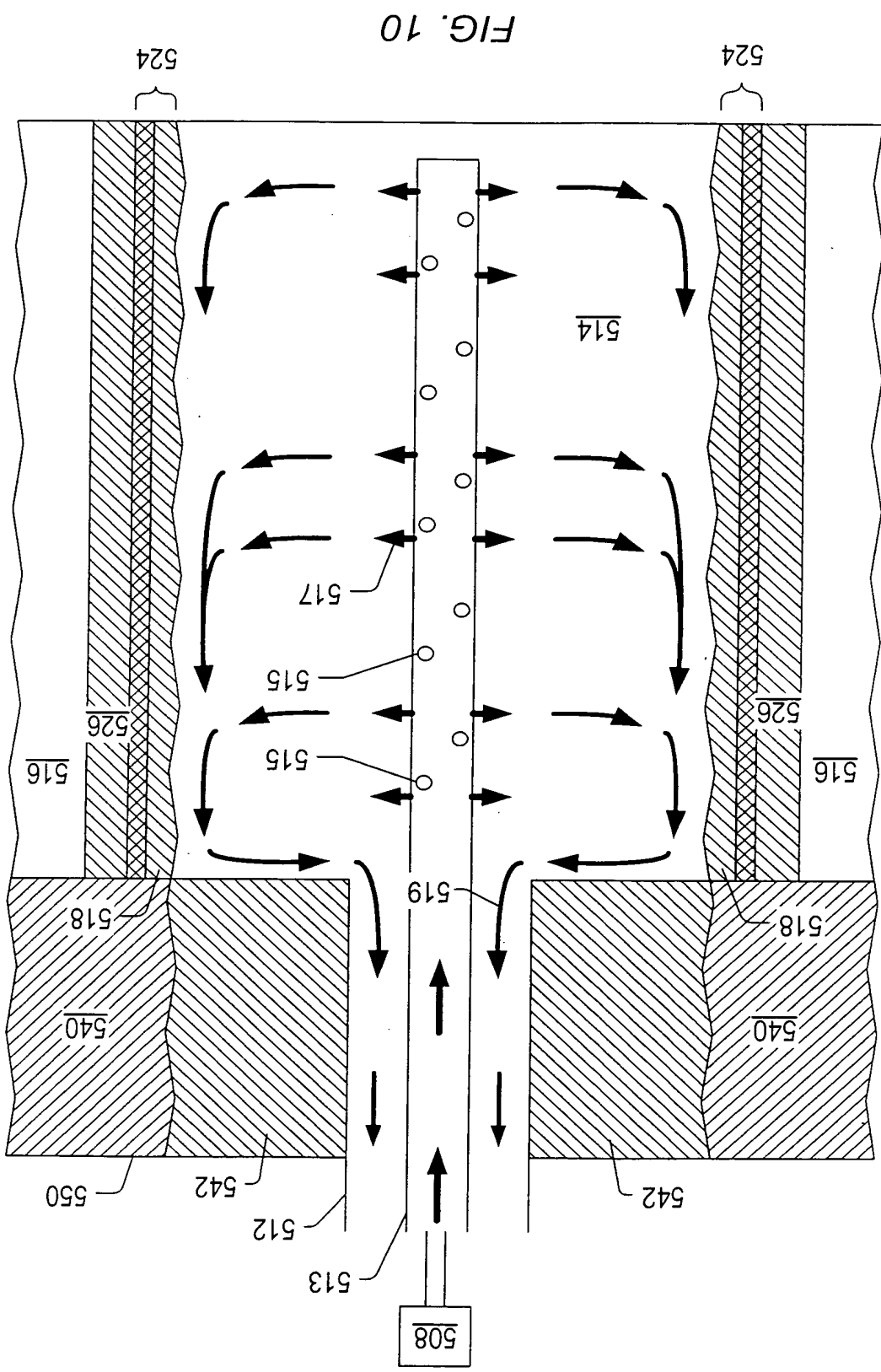


FIG. 12

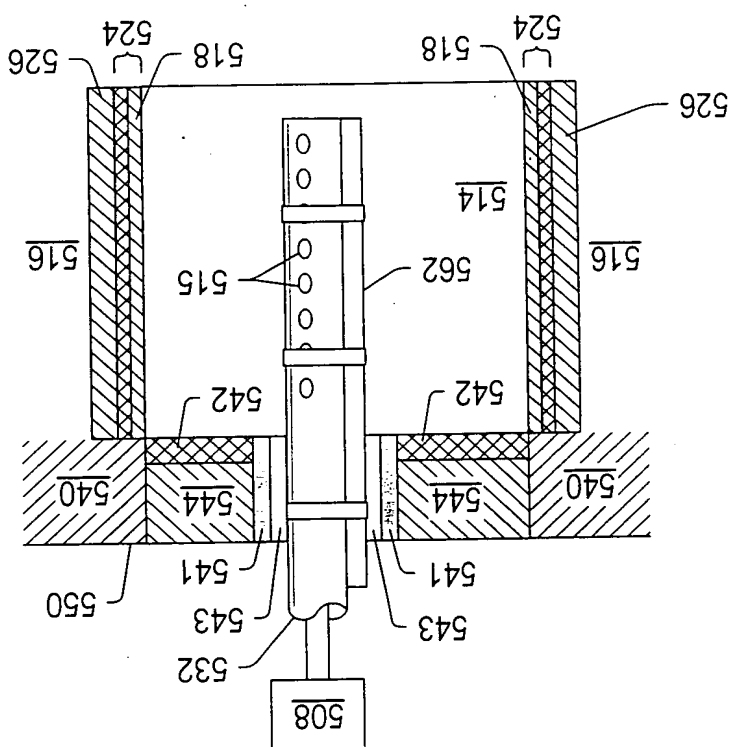


FIG. 11

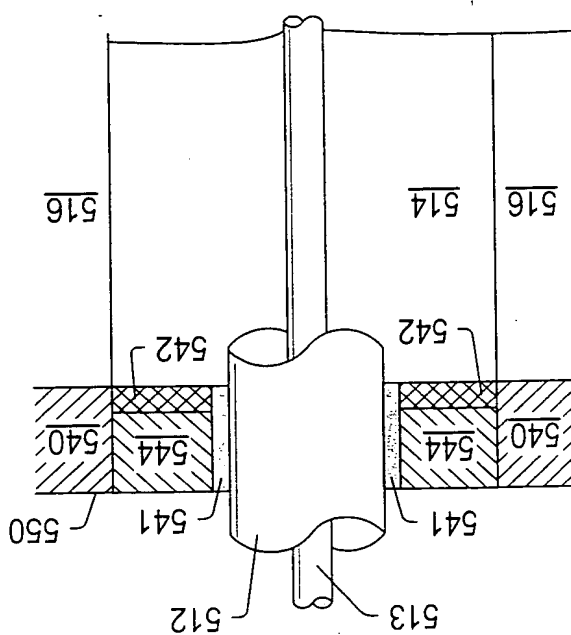


FIG. 14

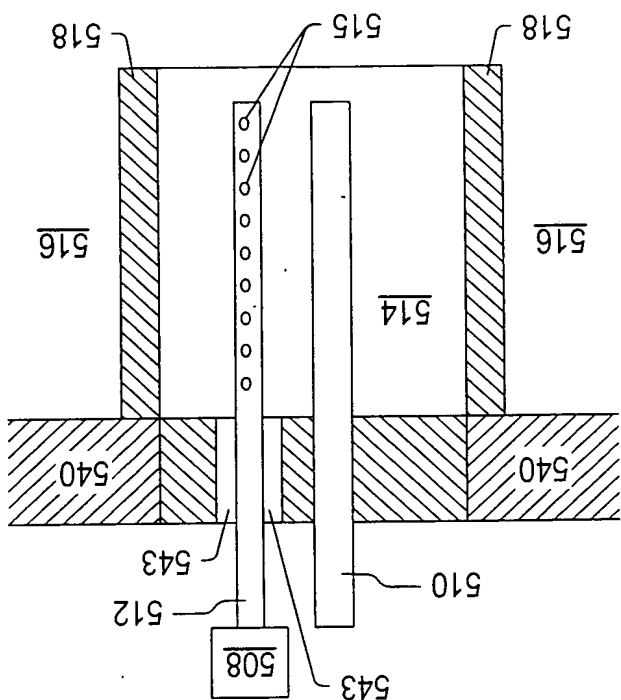
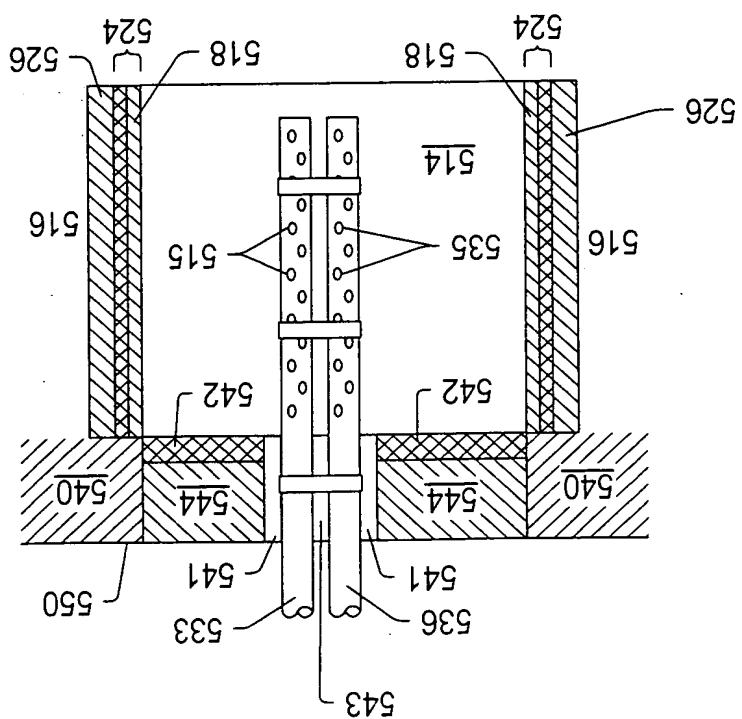
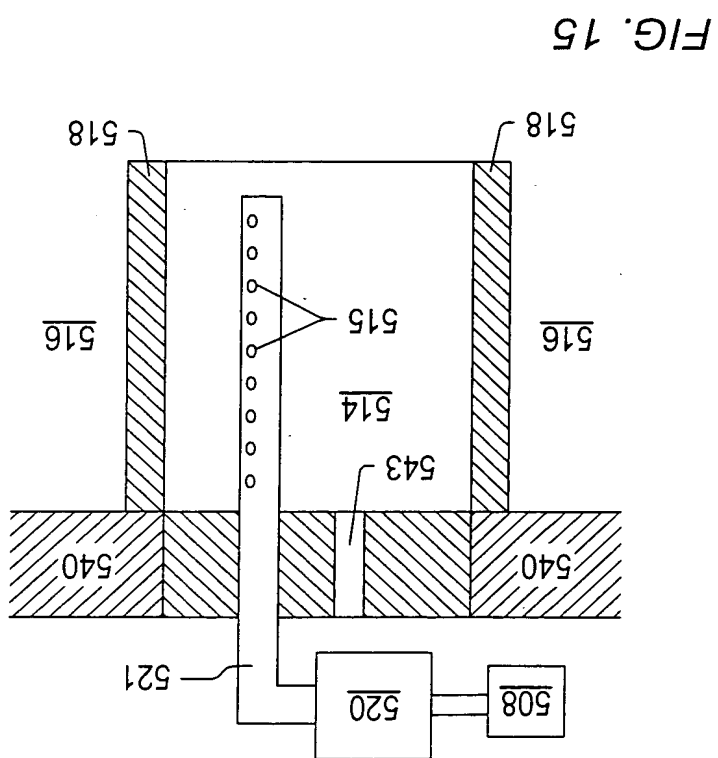
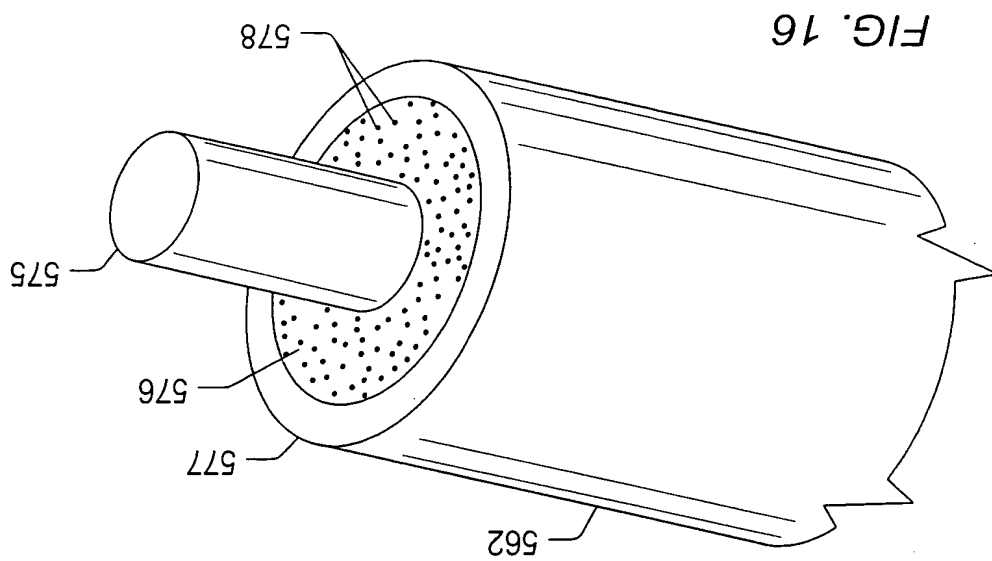
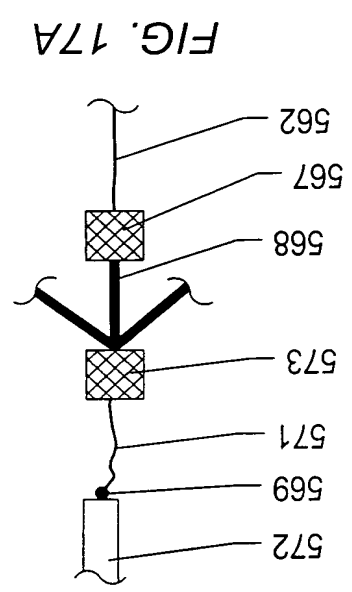
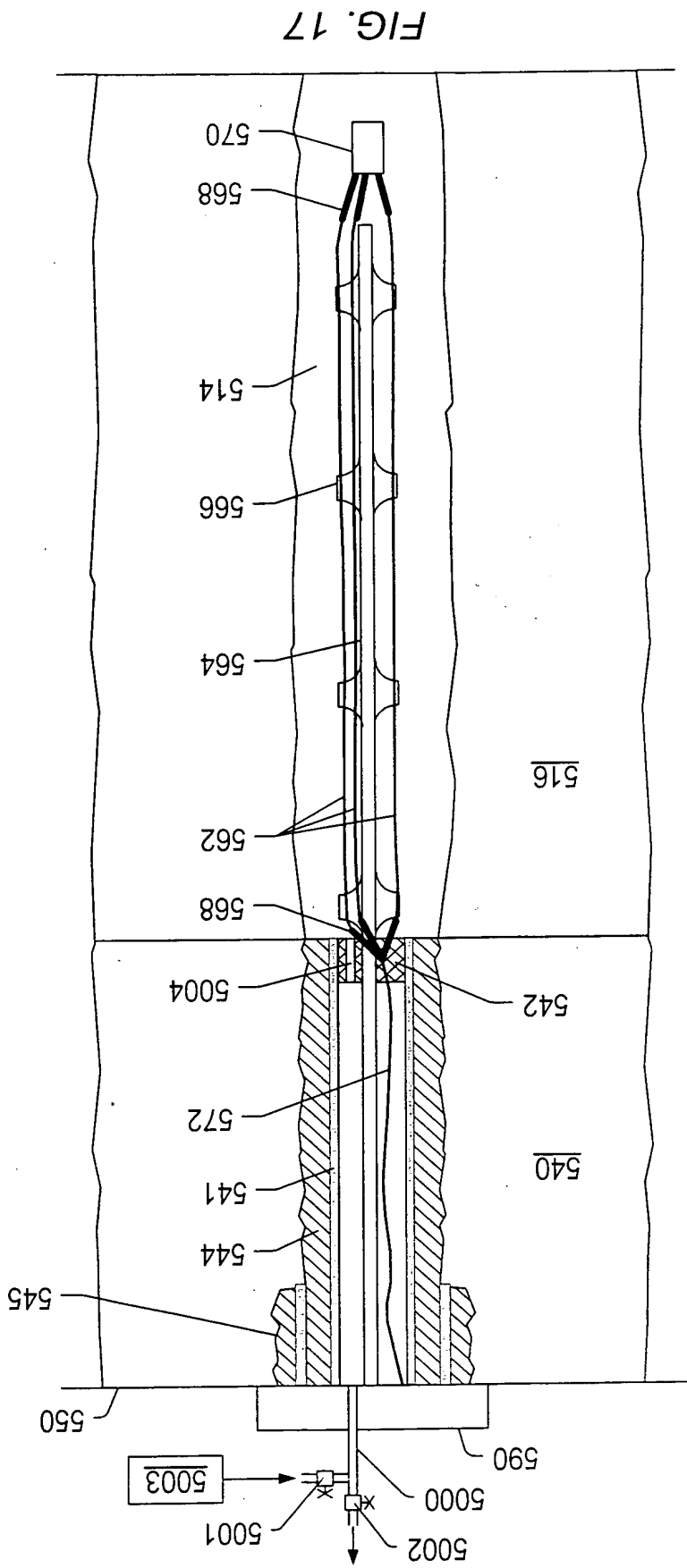


FIG. 13







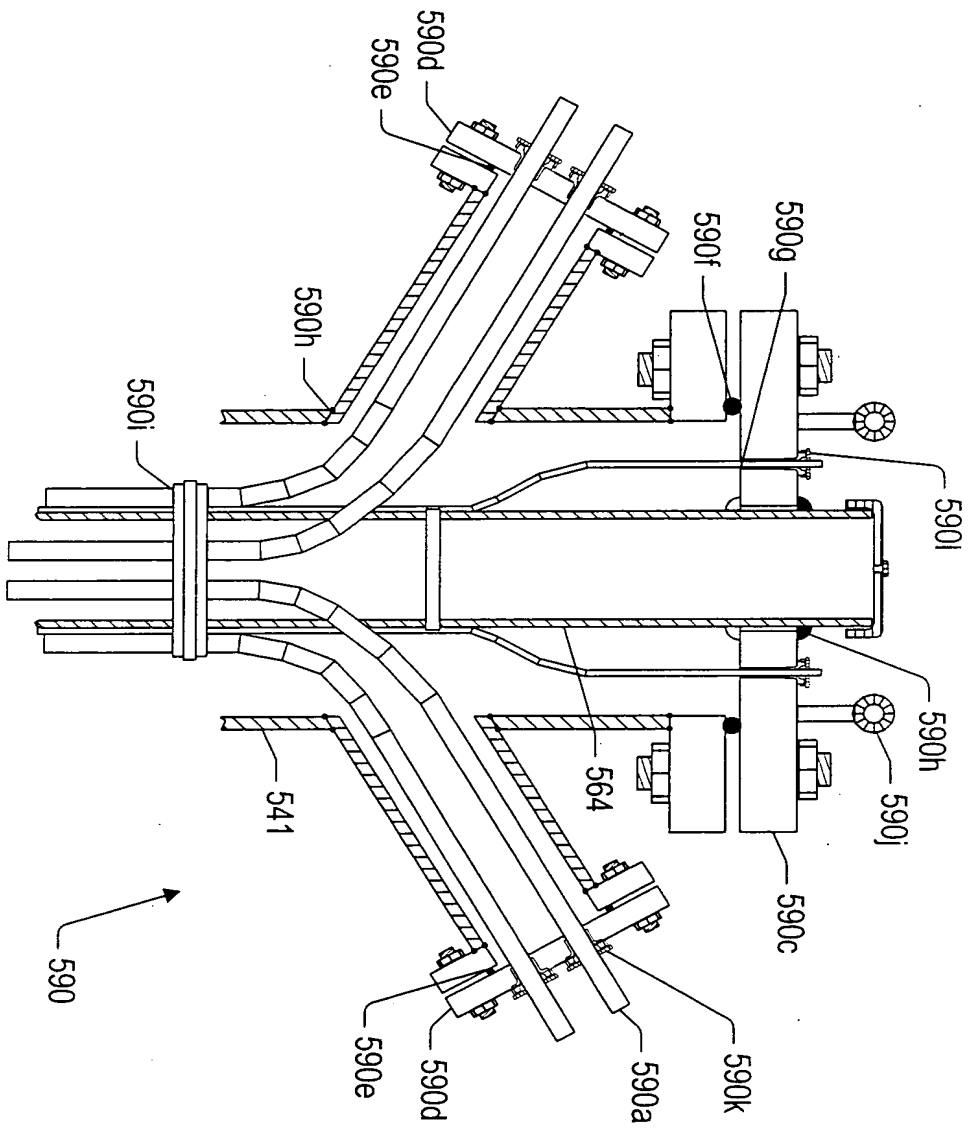
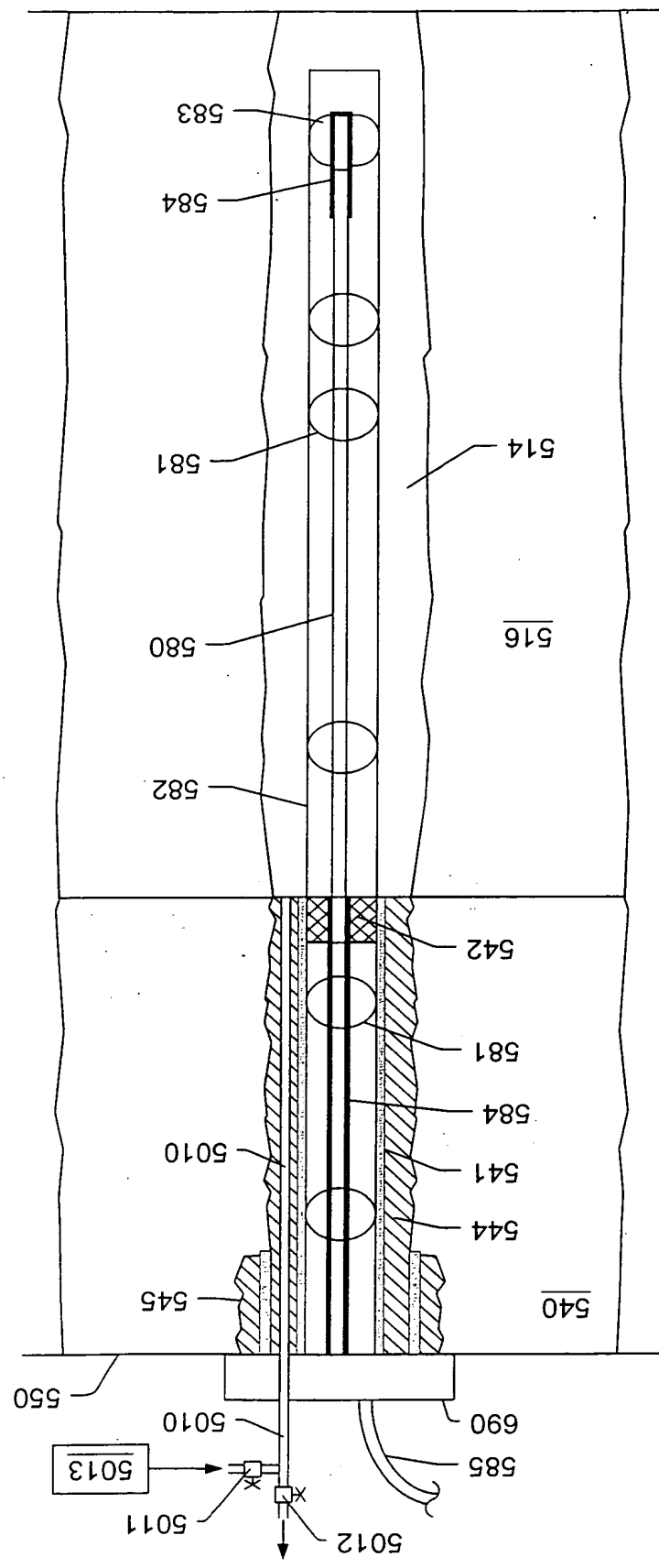


FIG. 18

FIG. 19



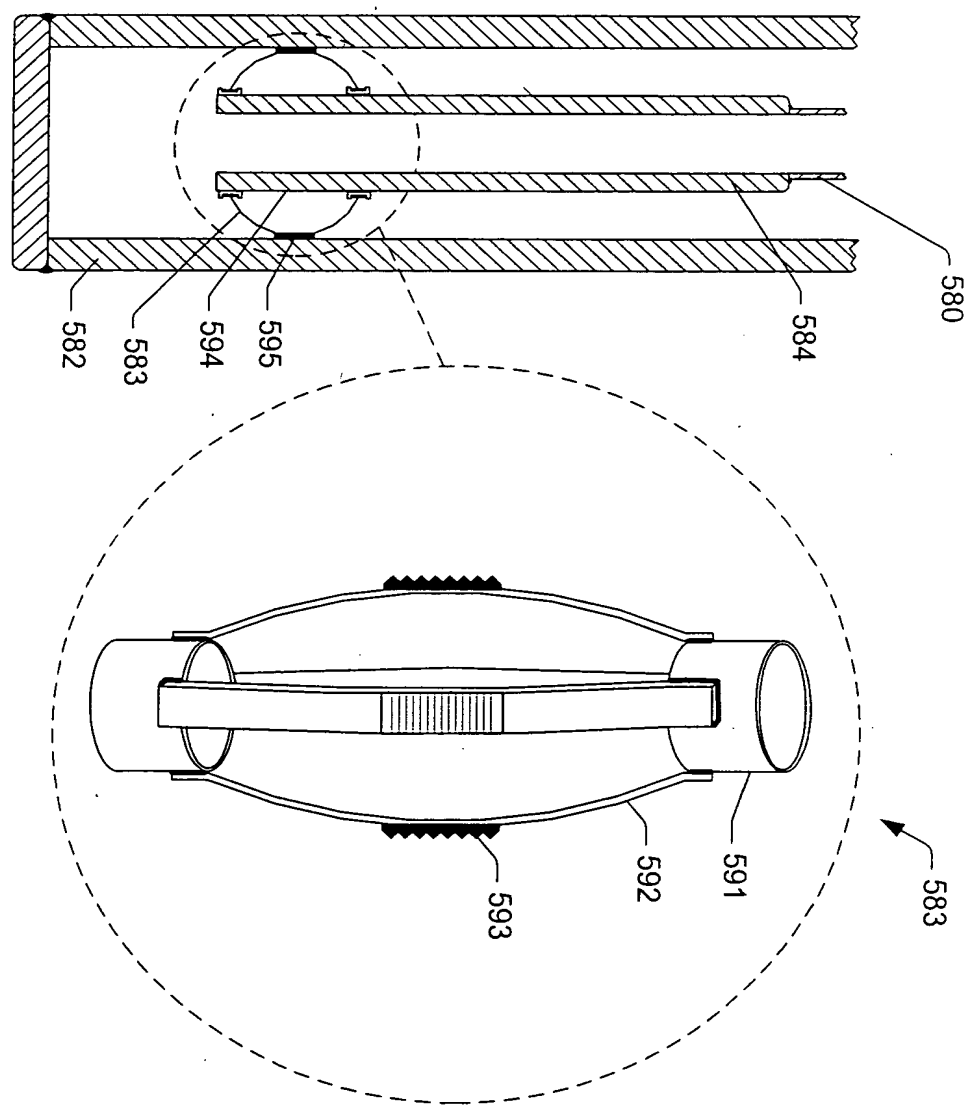
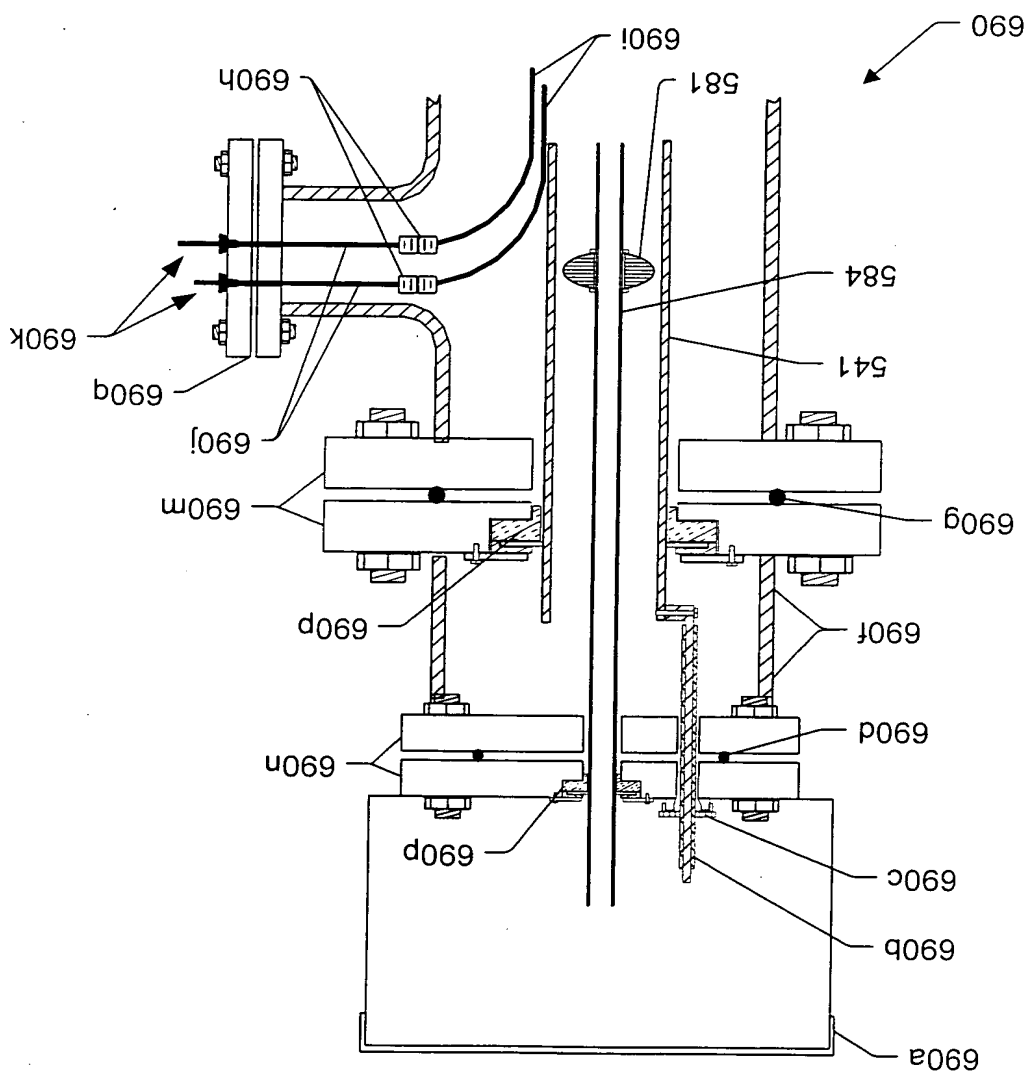


FIG. 20

FIG. 21



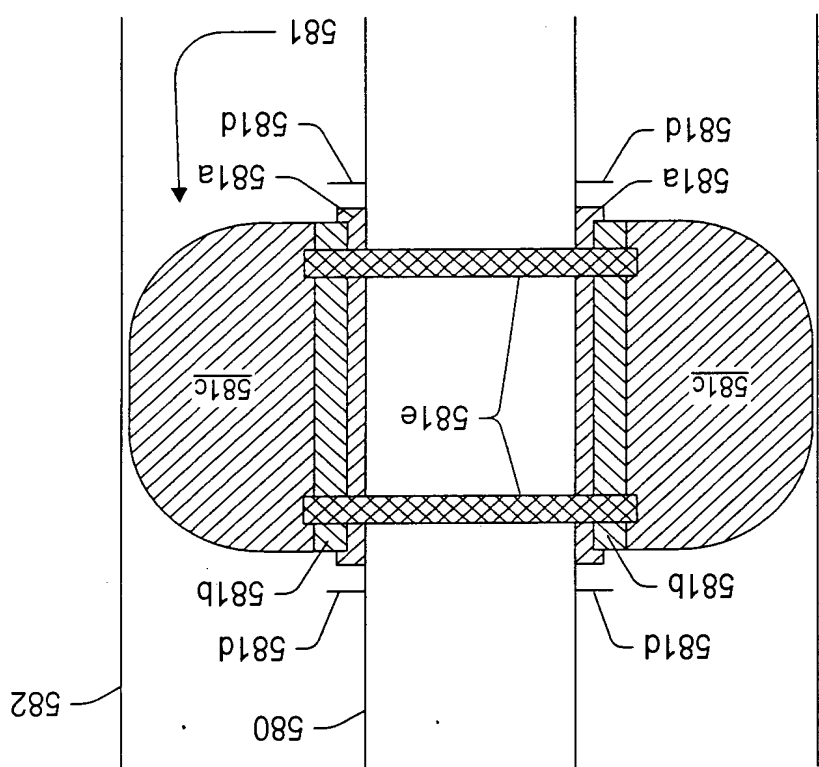


FIG. 22

FIG. 23b

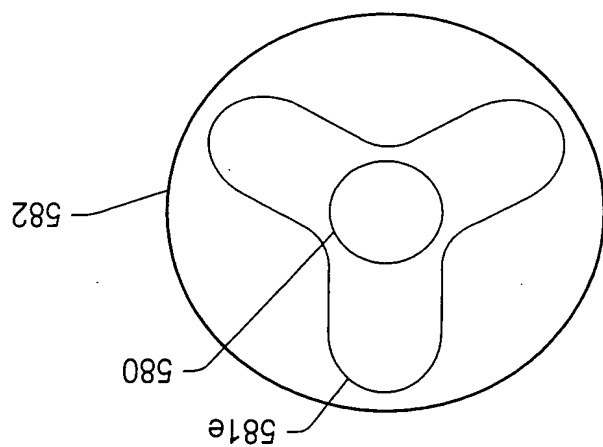


FIG. 23a

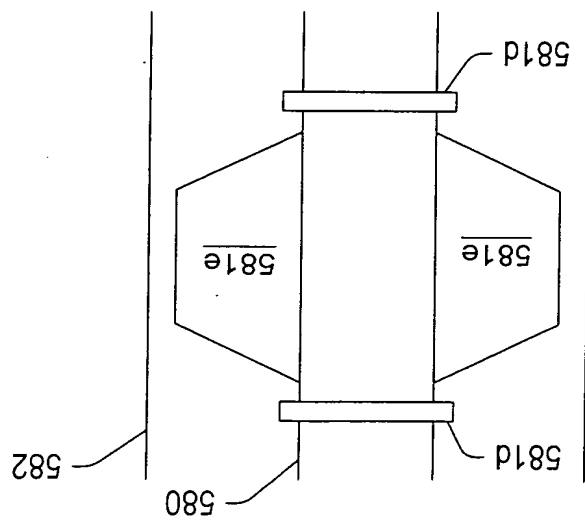


FIG. 24

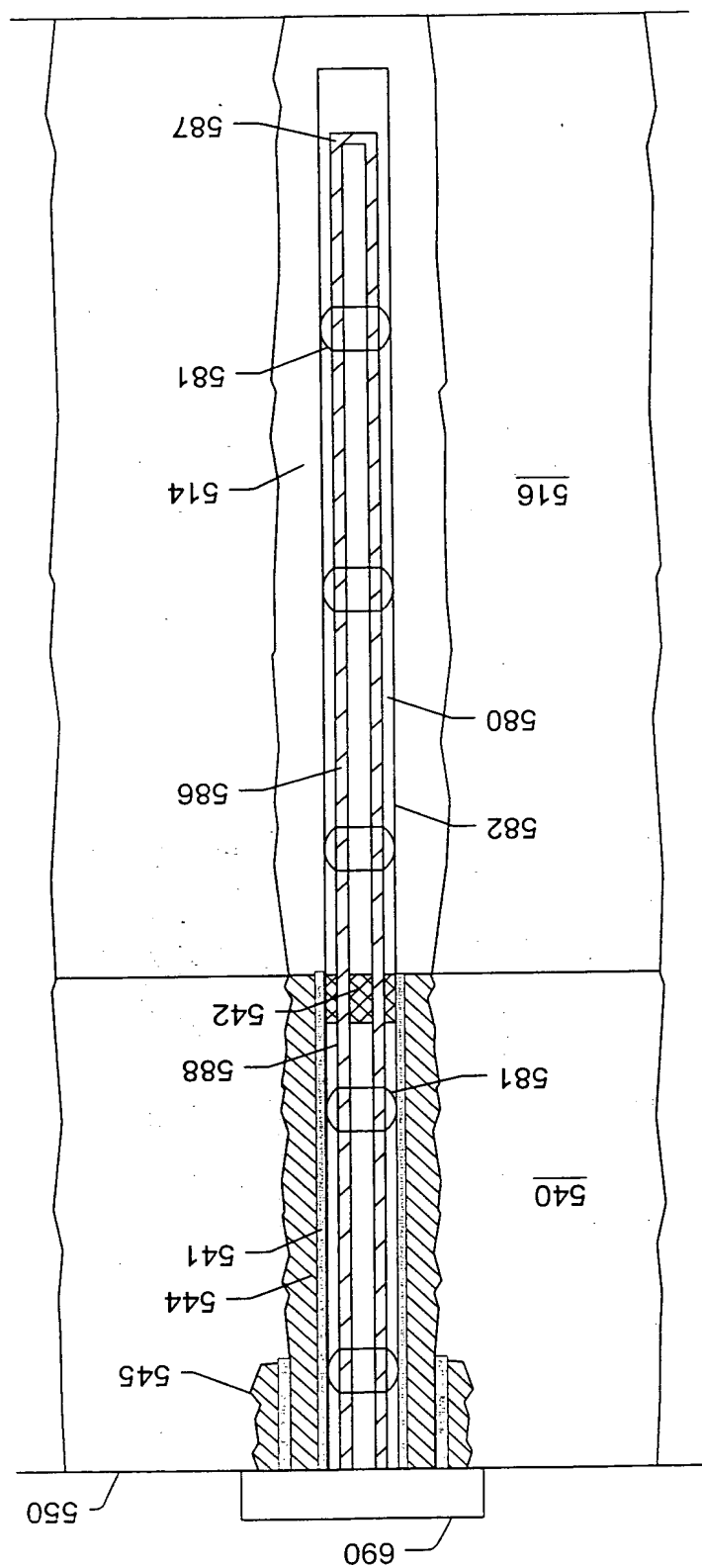


Fig. 24

FIG. 25

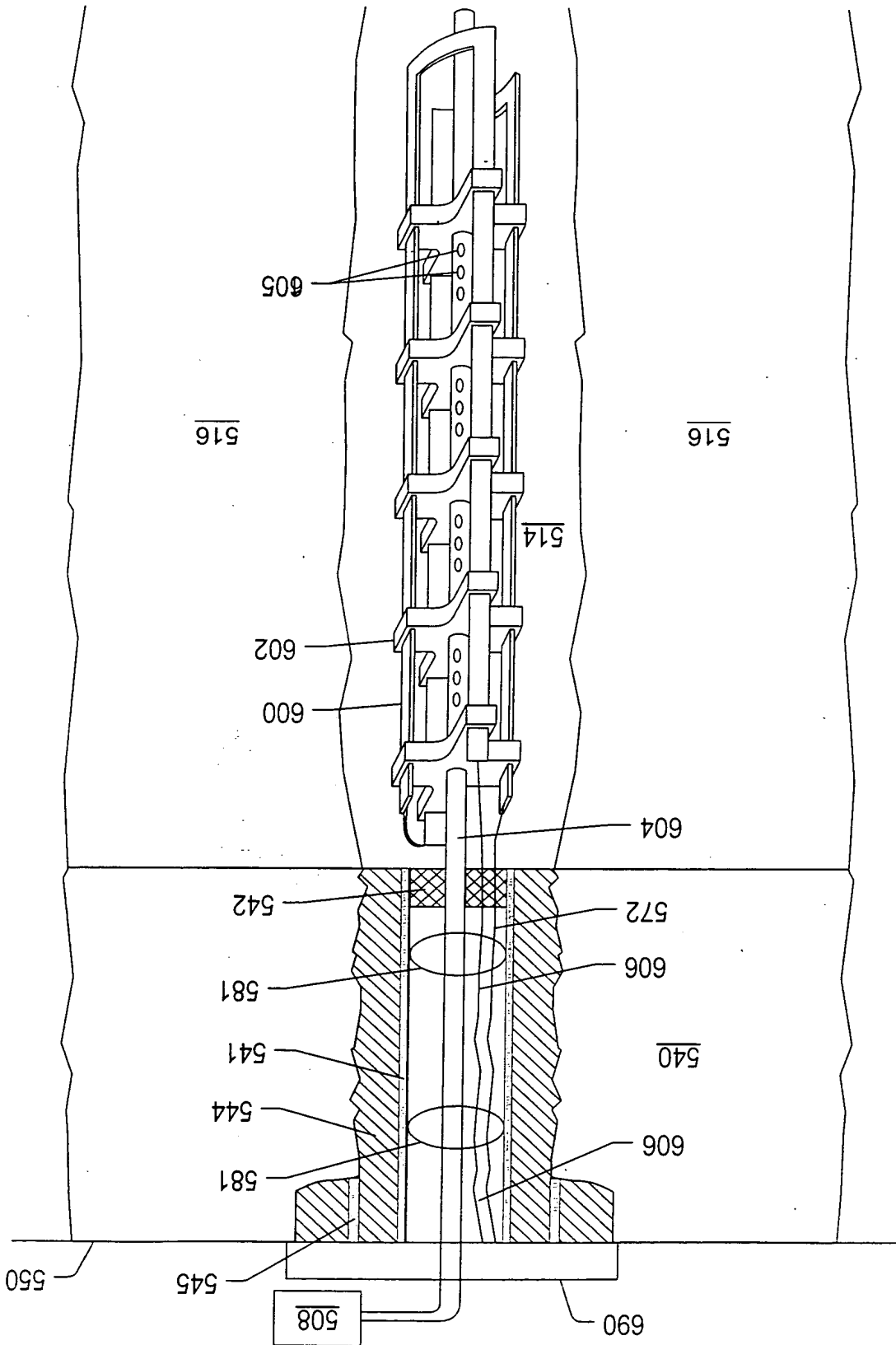


FIG. 26

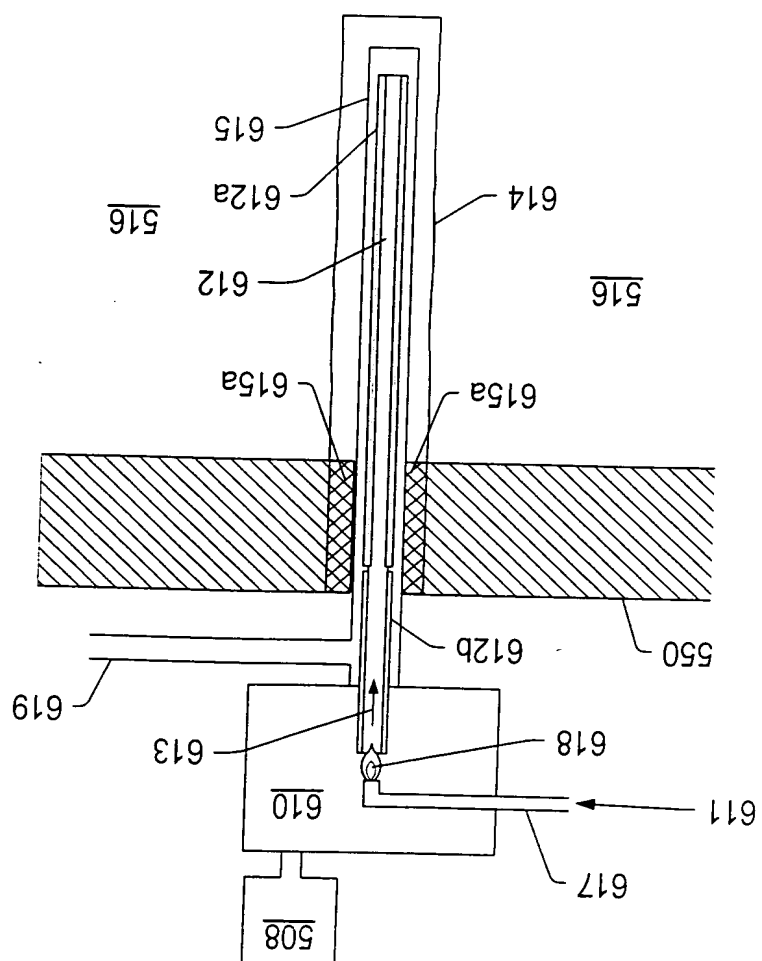


FIG. 27

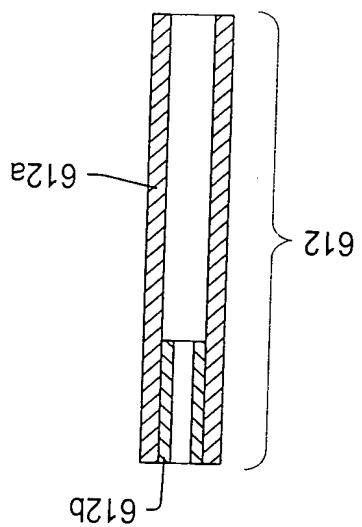


FIG. 30

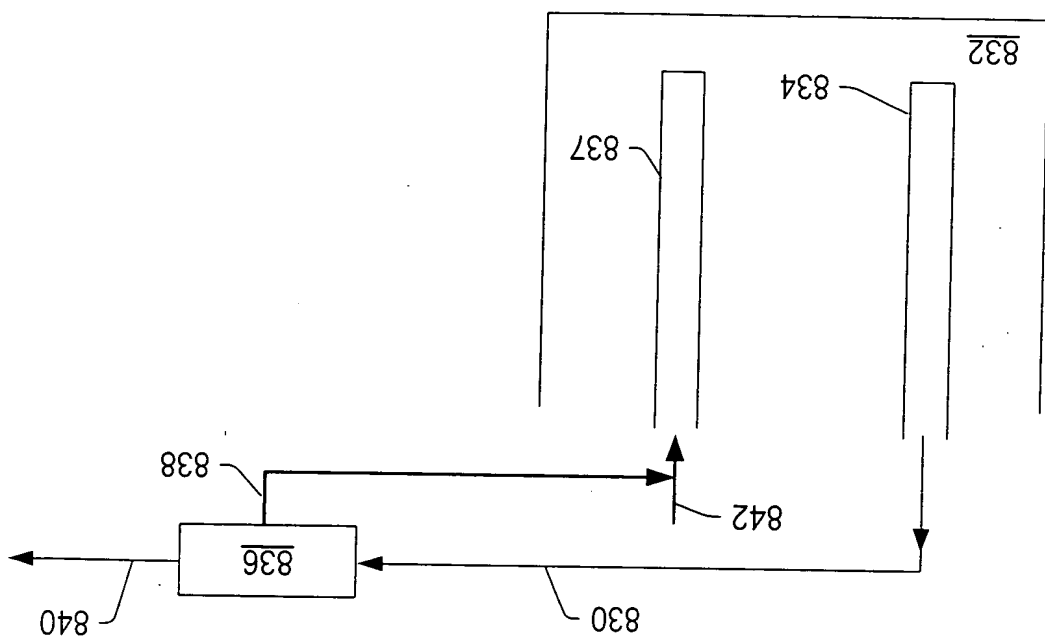
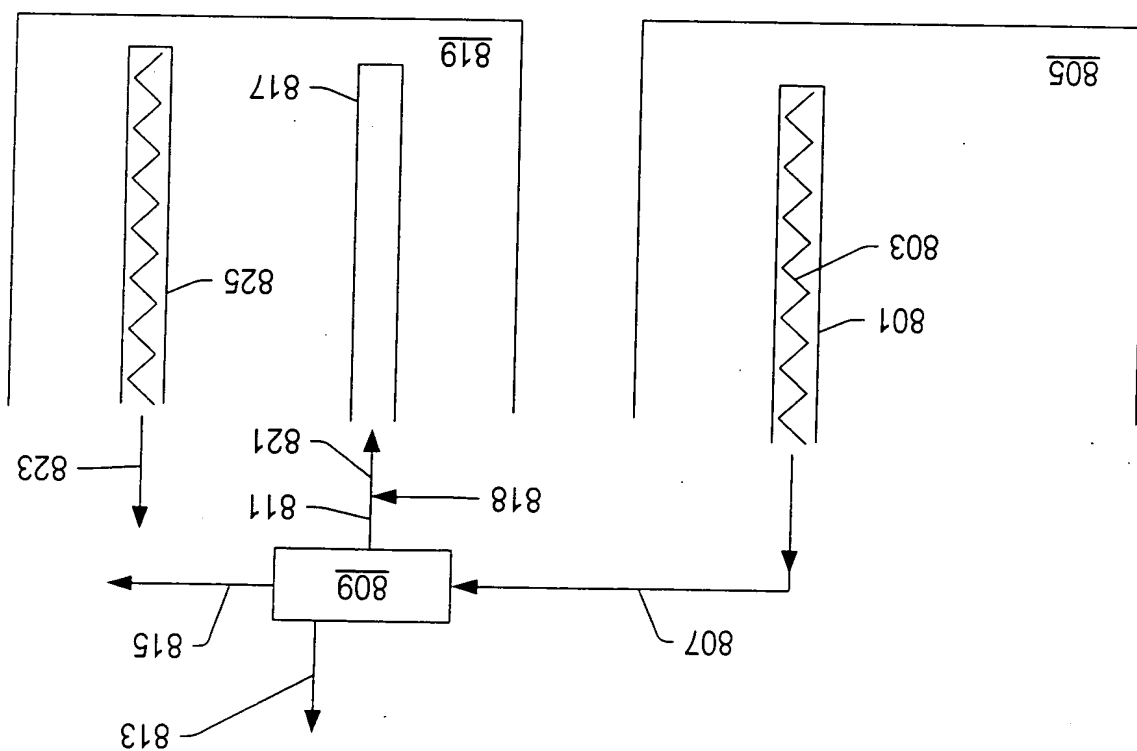


FIG. 32

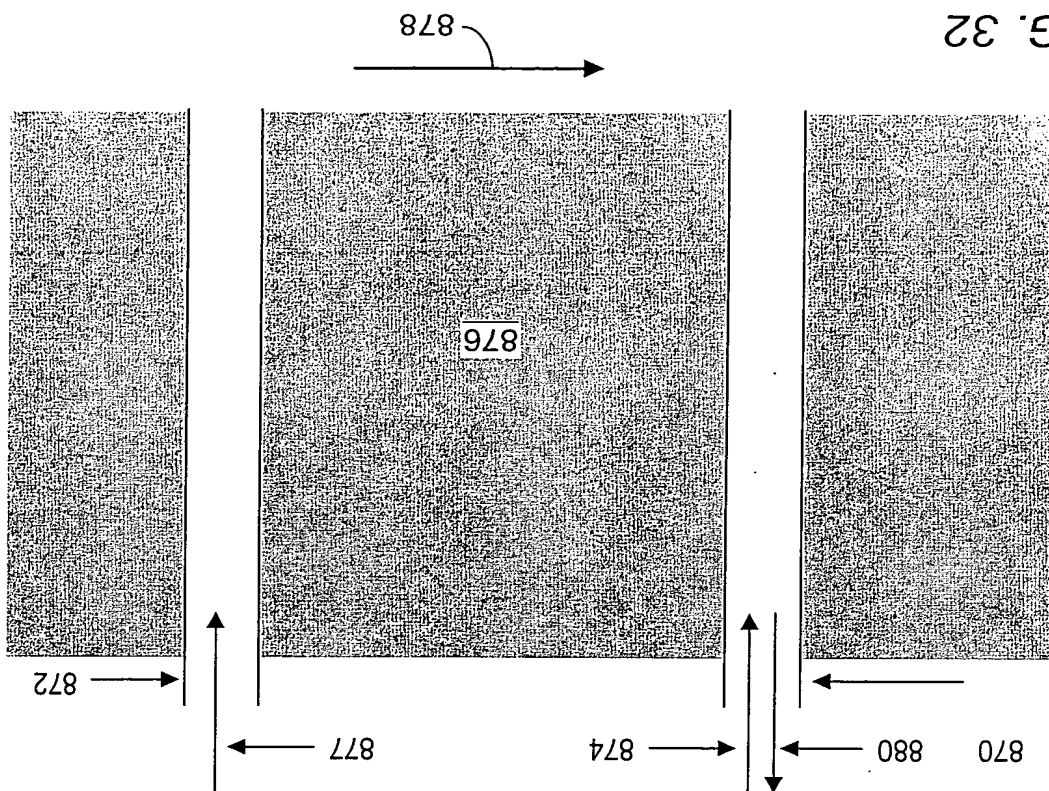


FIG. 31

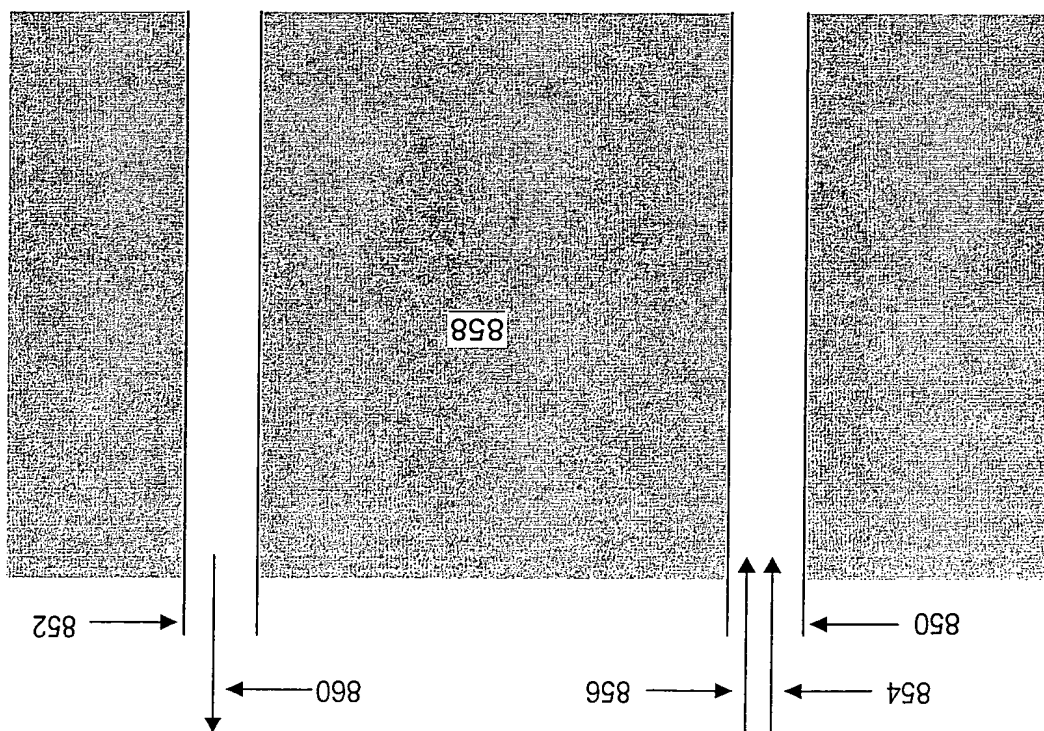


FIG. 34

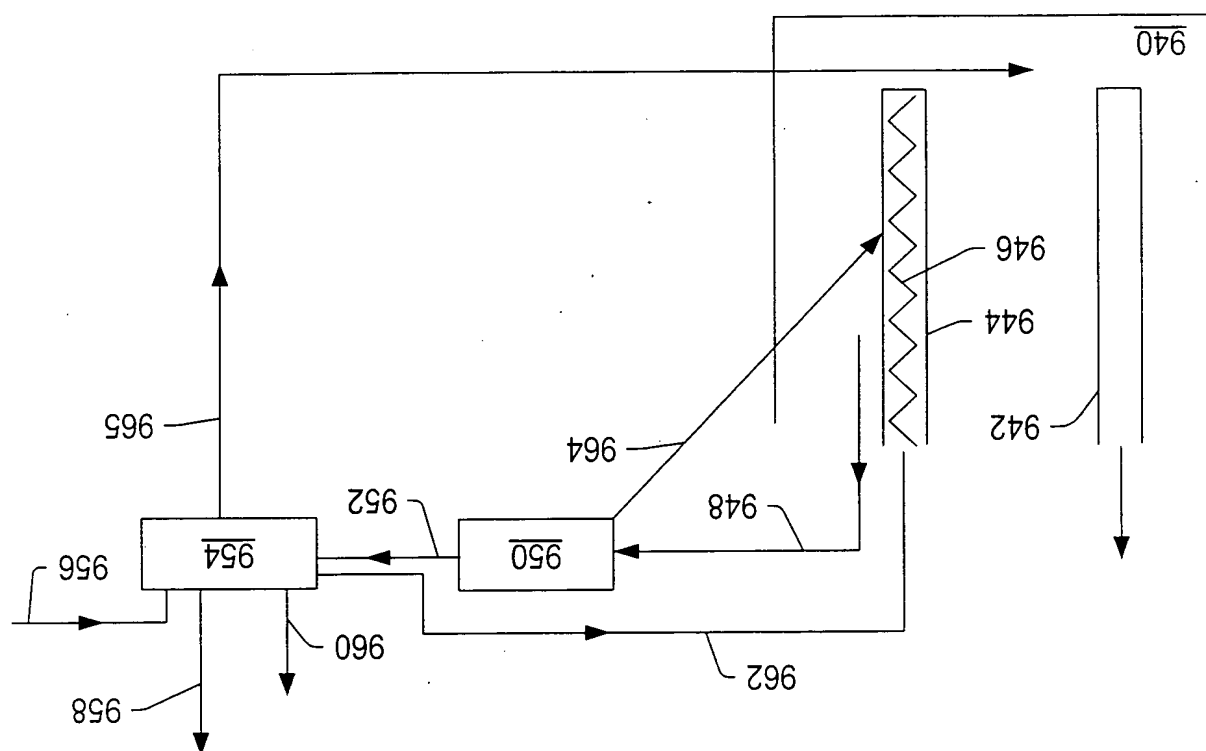
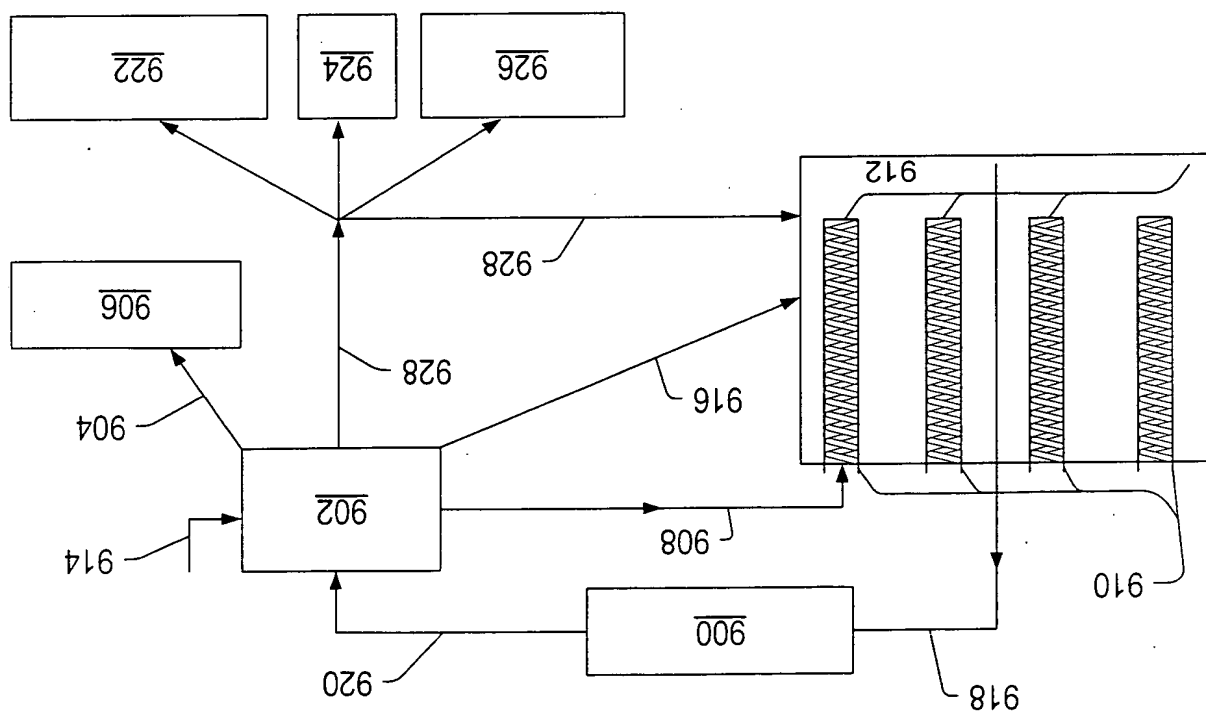


FIG. 33



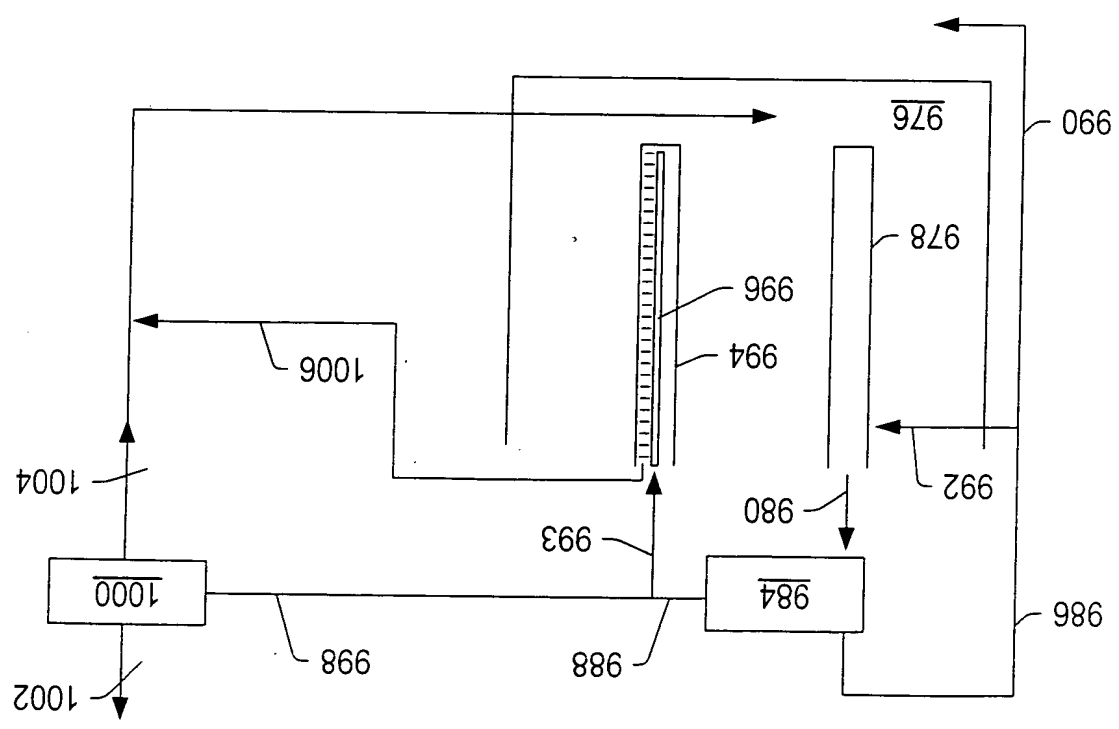


FIG. 36

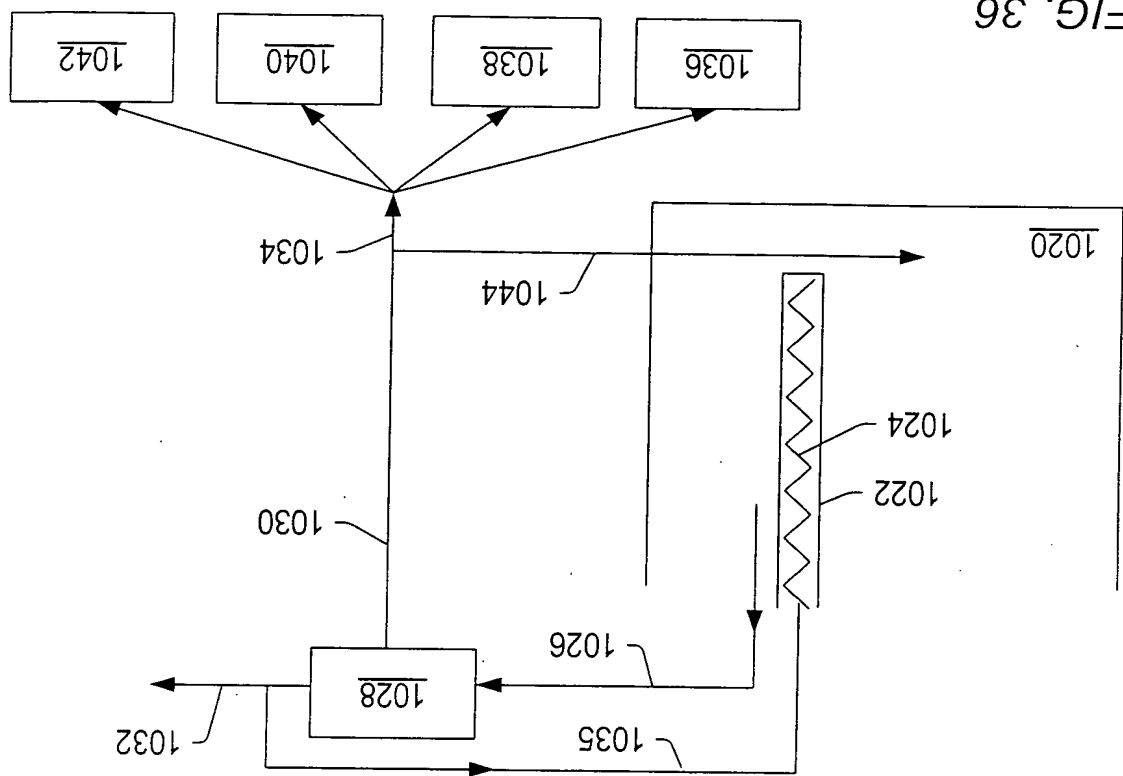


FIG. 38

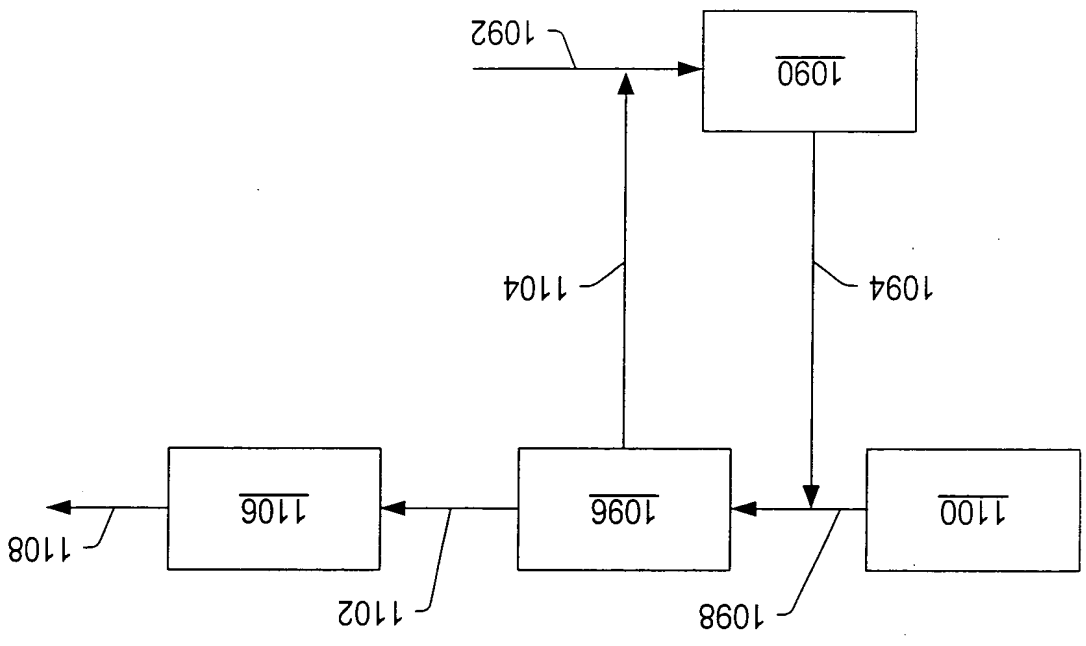
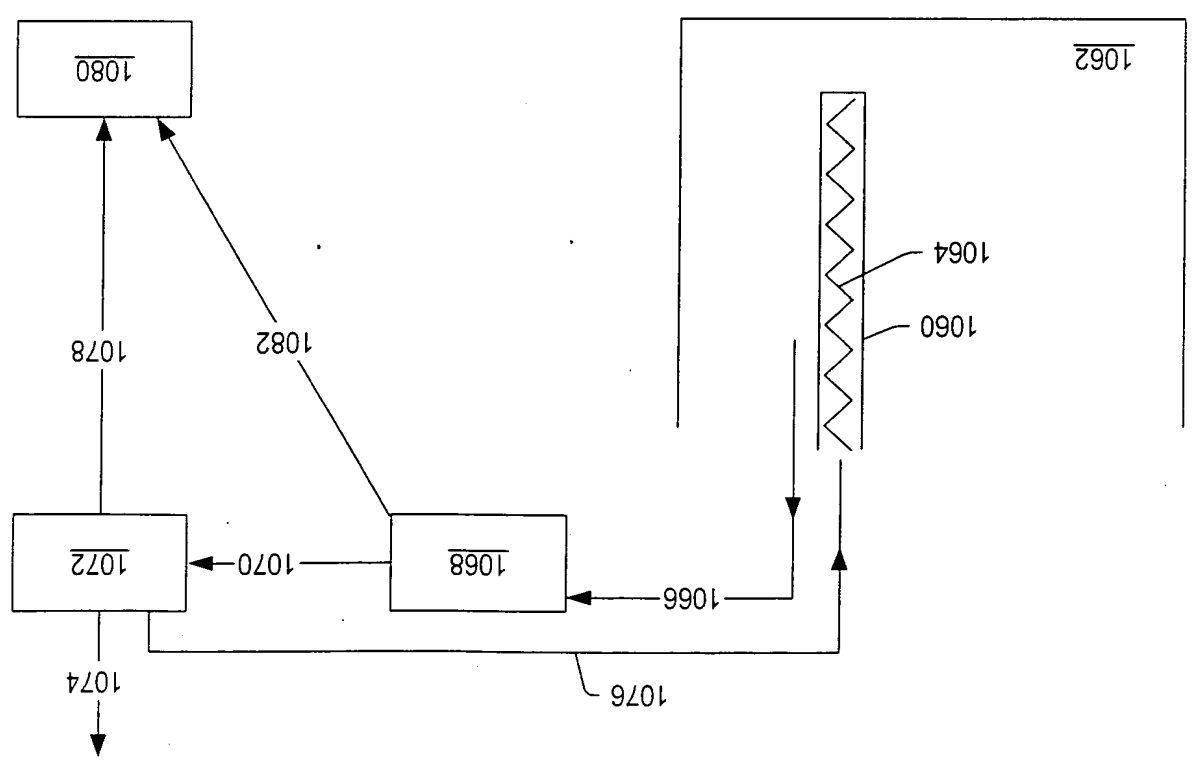


FIG. 37



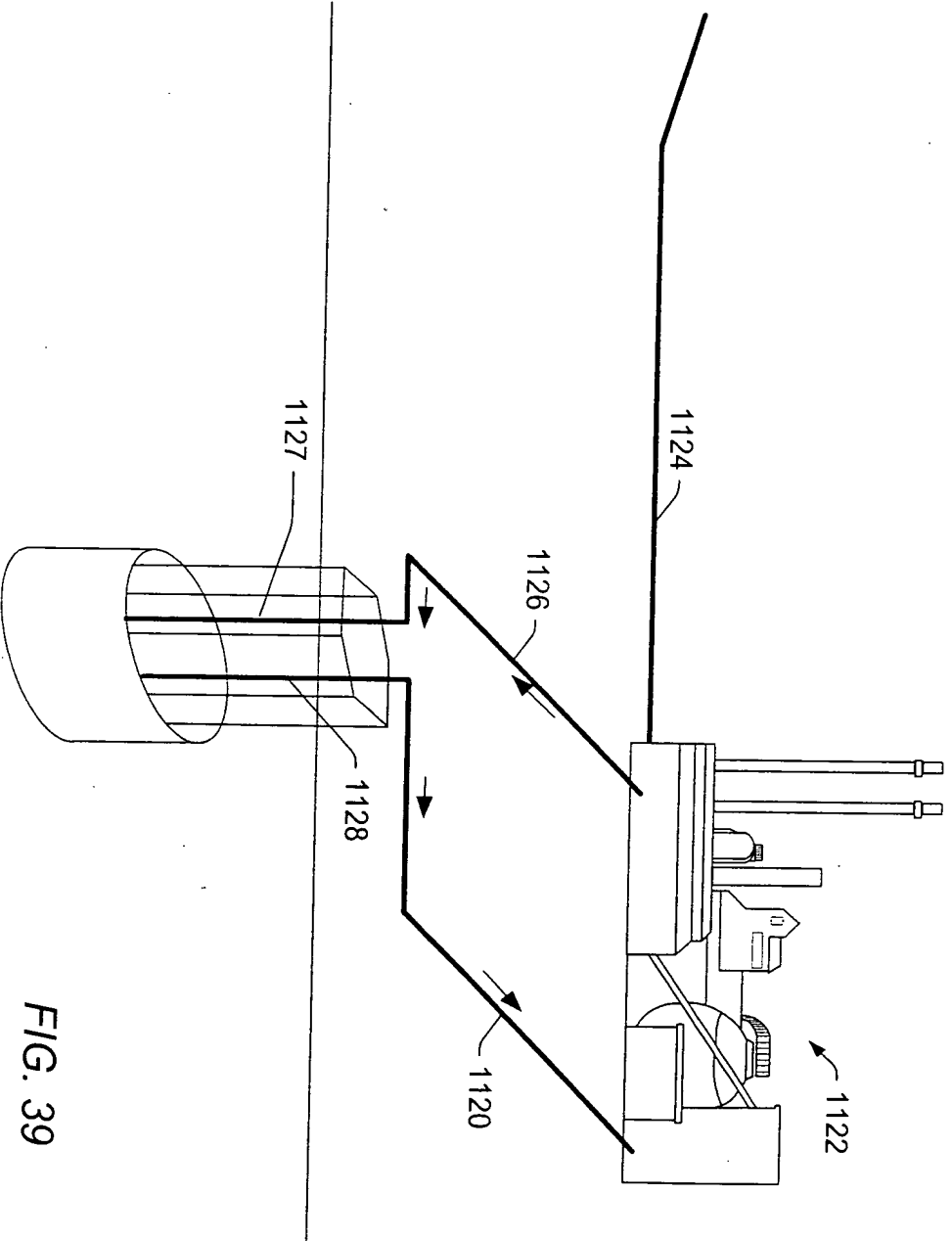


FIG. 39

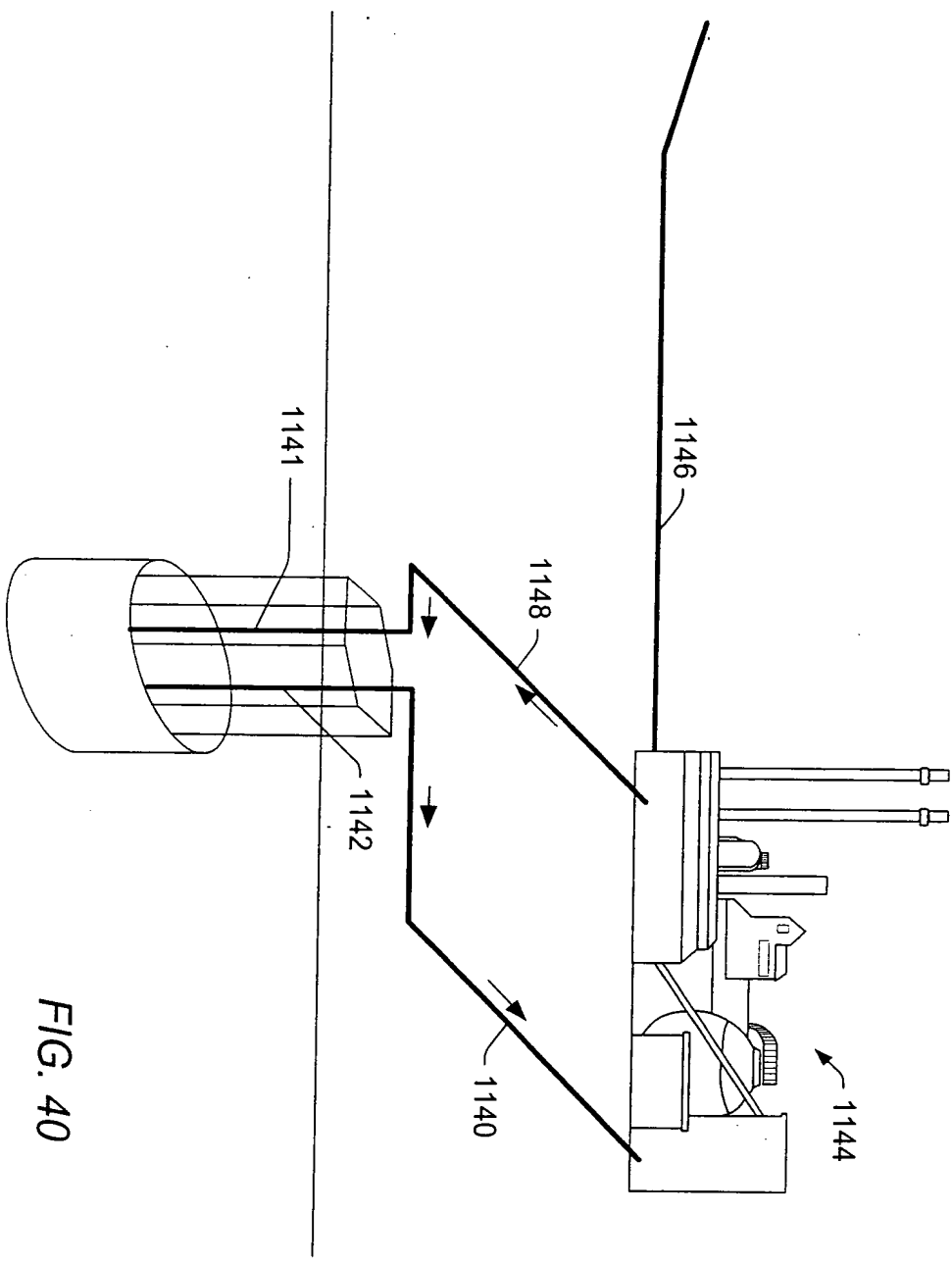


FIG. 40

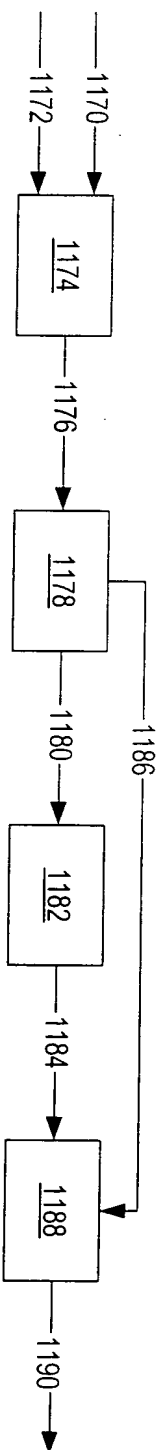


FIG. 41

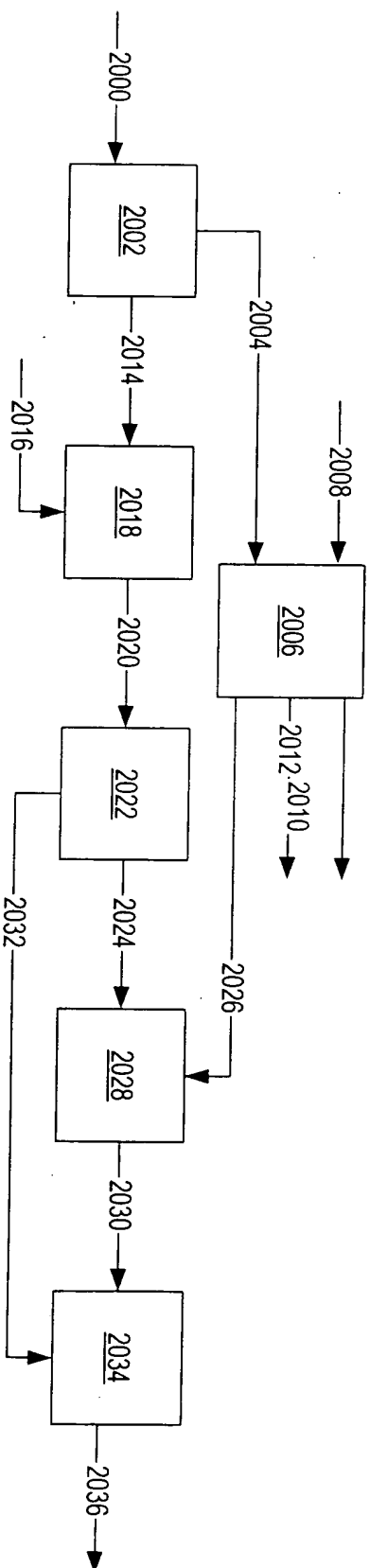


FIG. 42

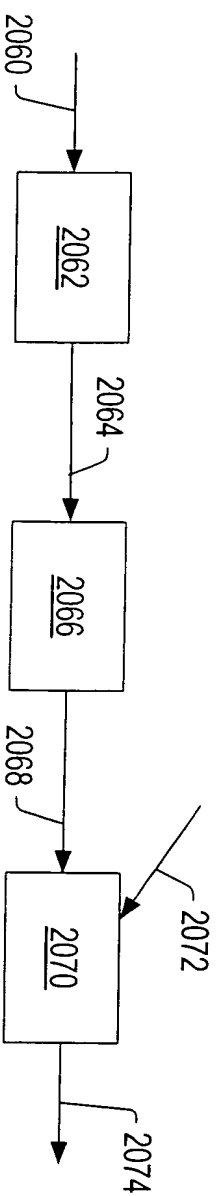


FIG. 43

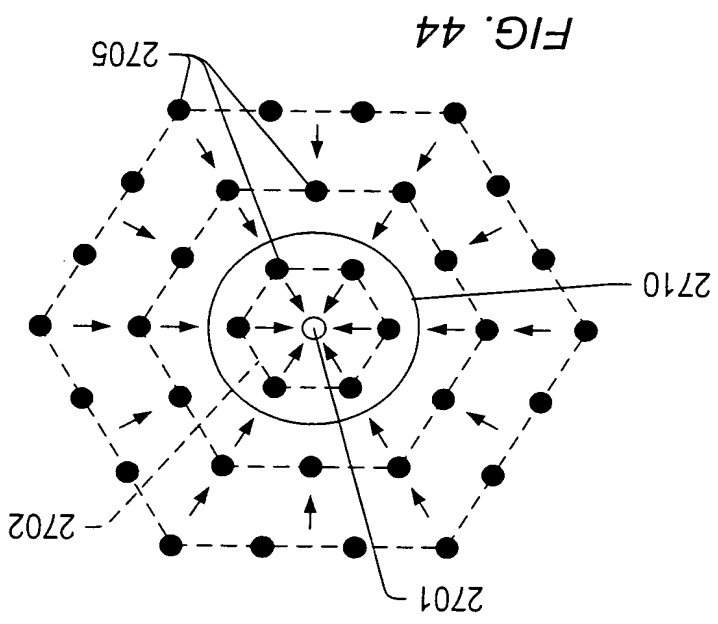


FIG. 46

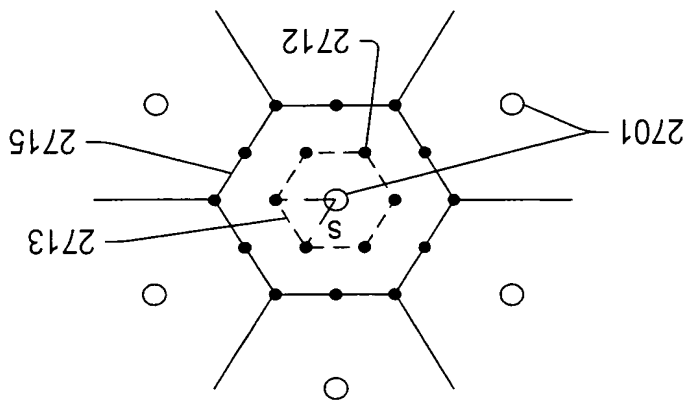


FIG. 45

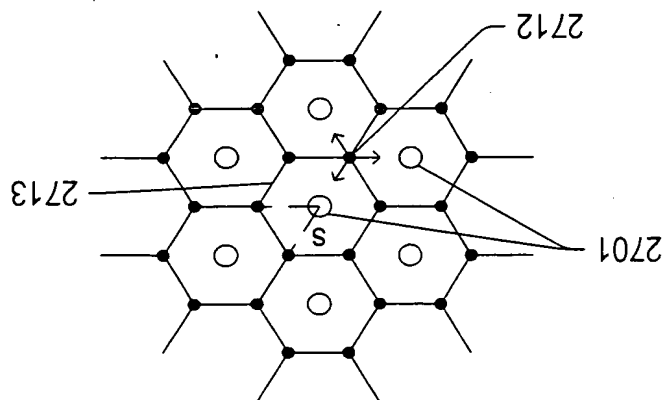


FIG. 47

FIG. 48

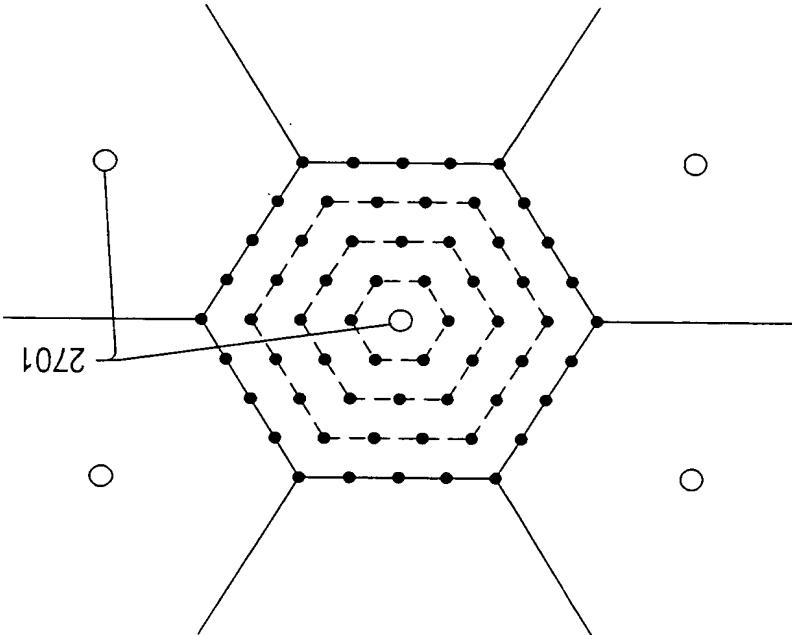


FIG. 47

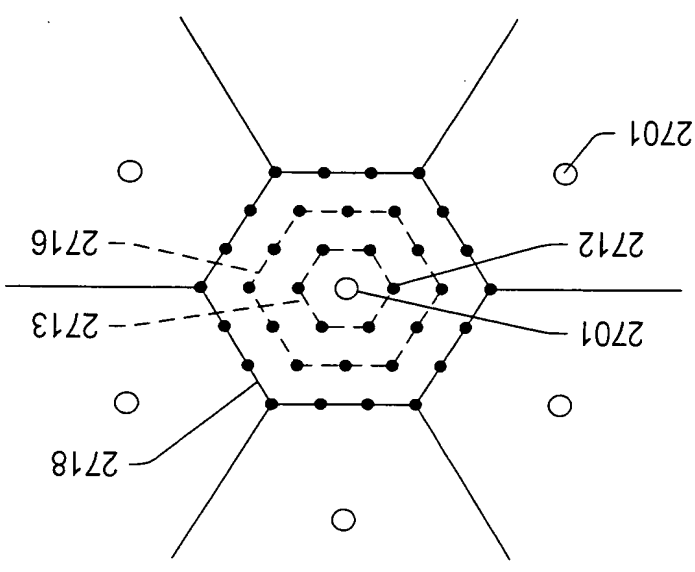


FIG. 49

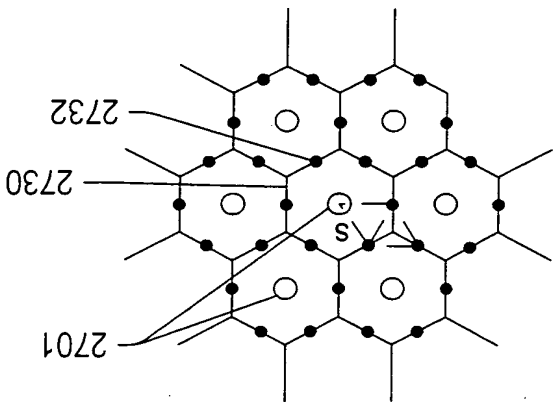


FIG. 50

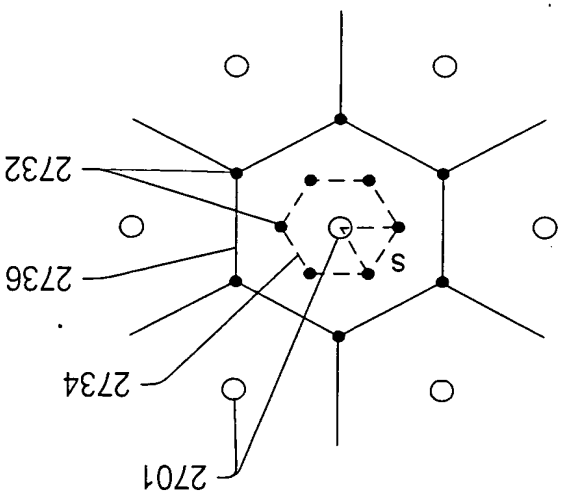


FIG. 51

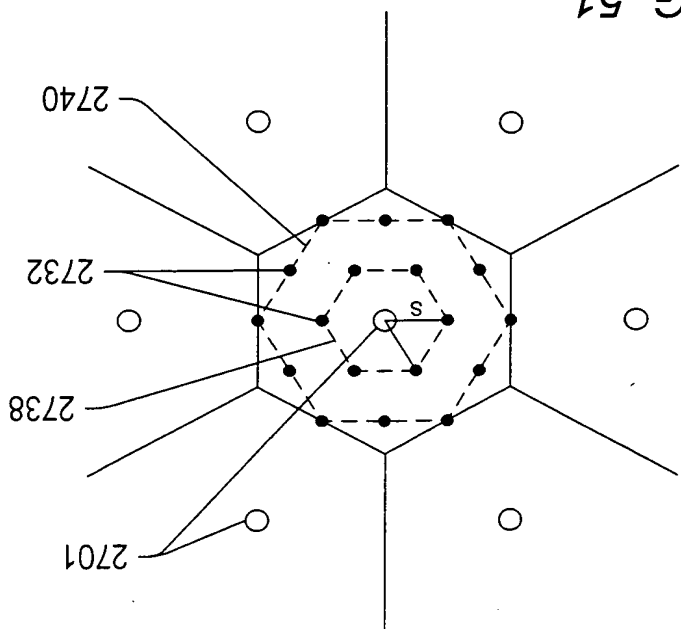


FIG. 52

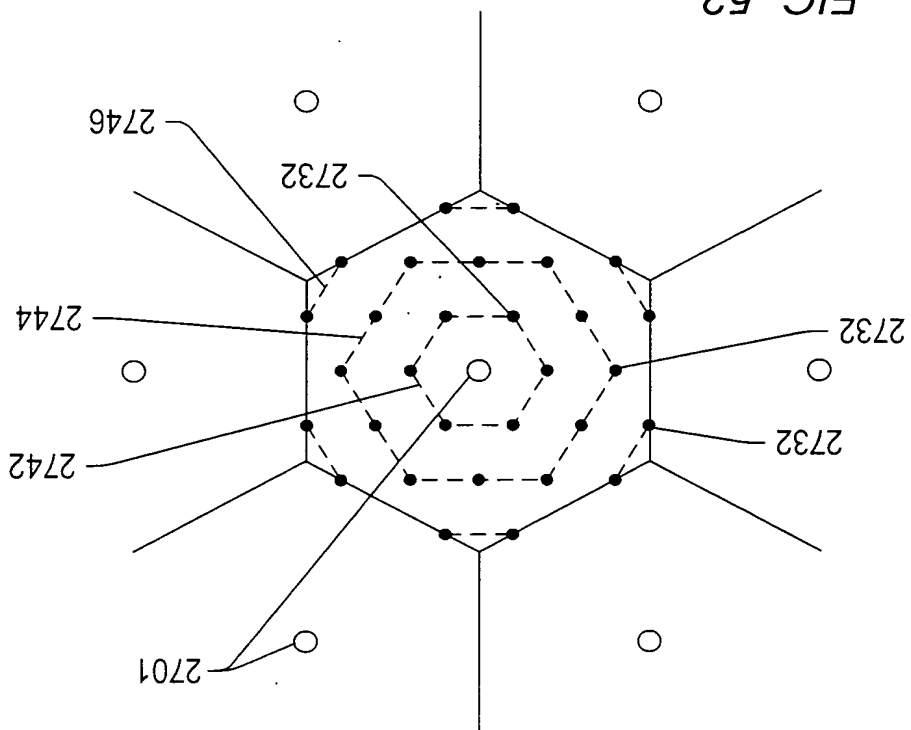


FIG. 53

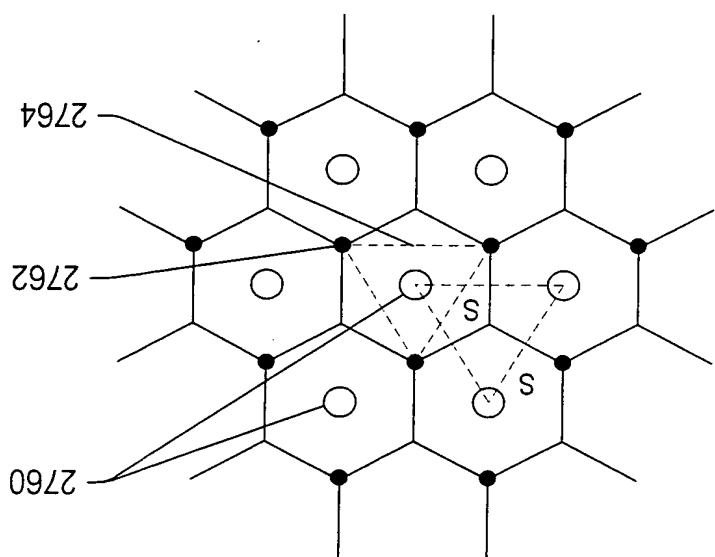


FIG. 54

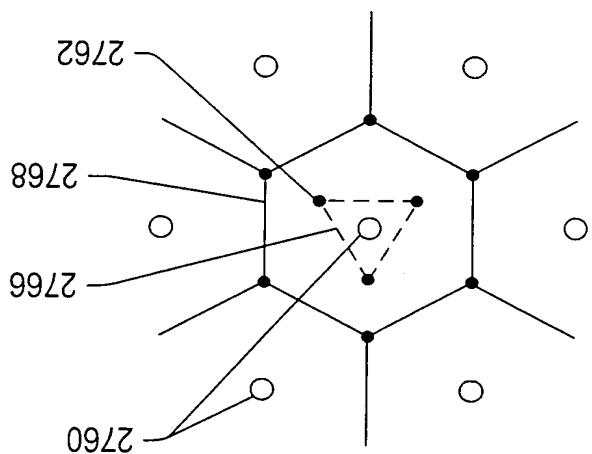


FIG. 56

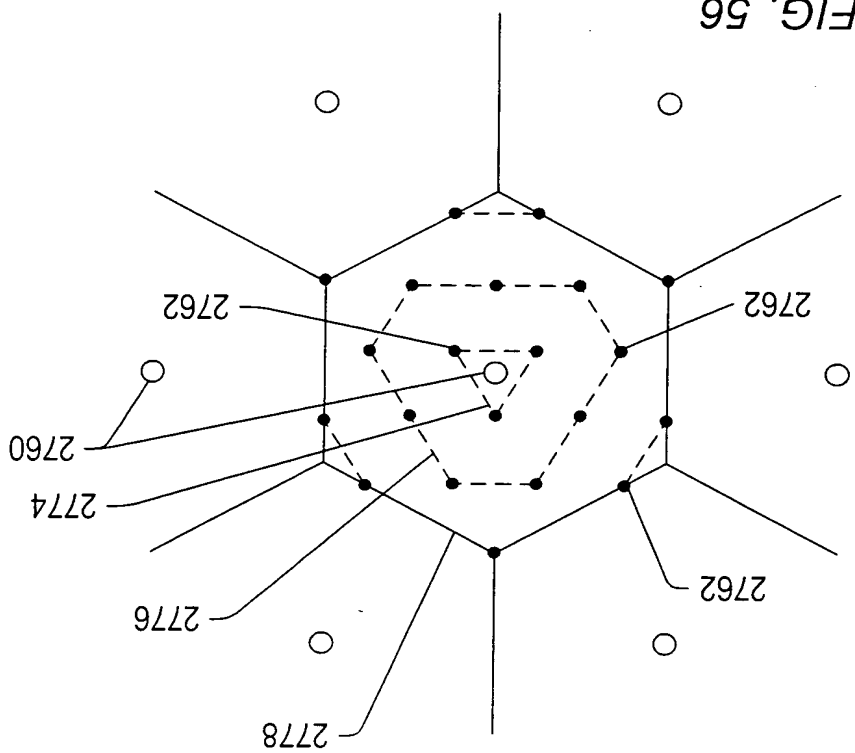
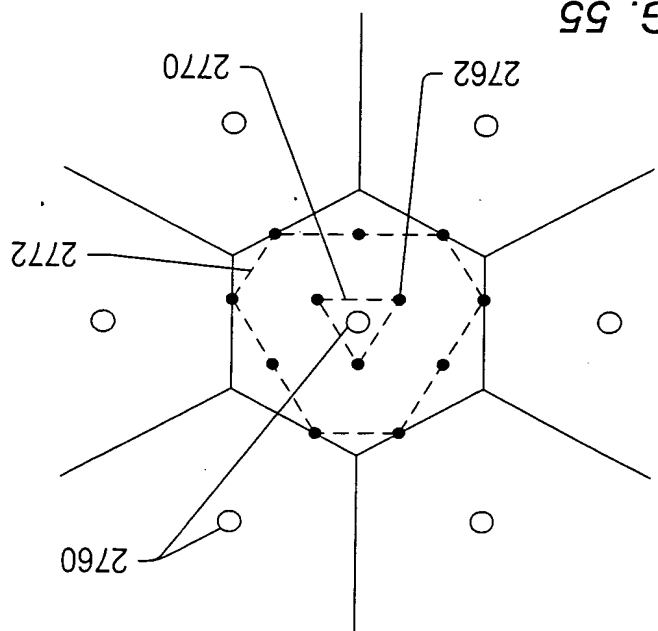
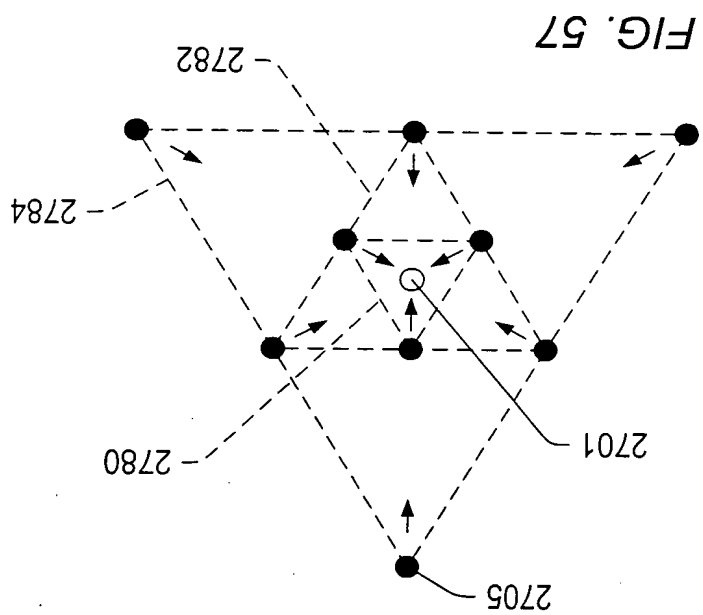


FIG. 55





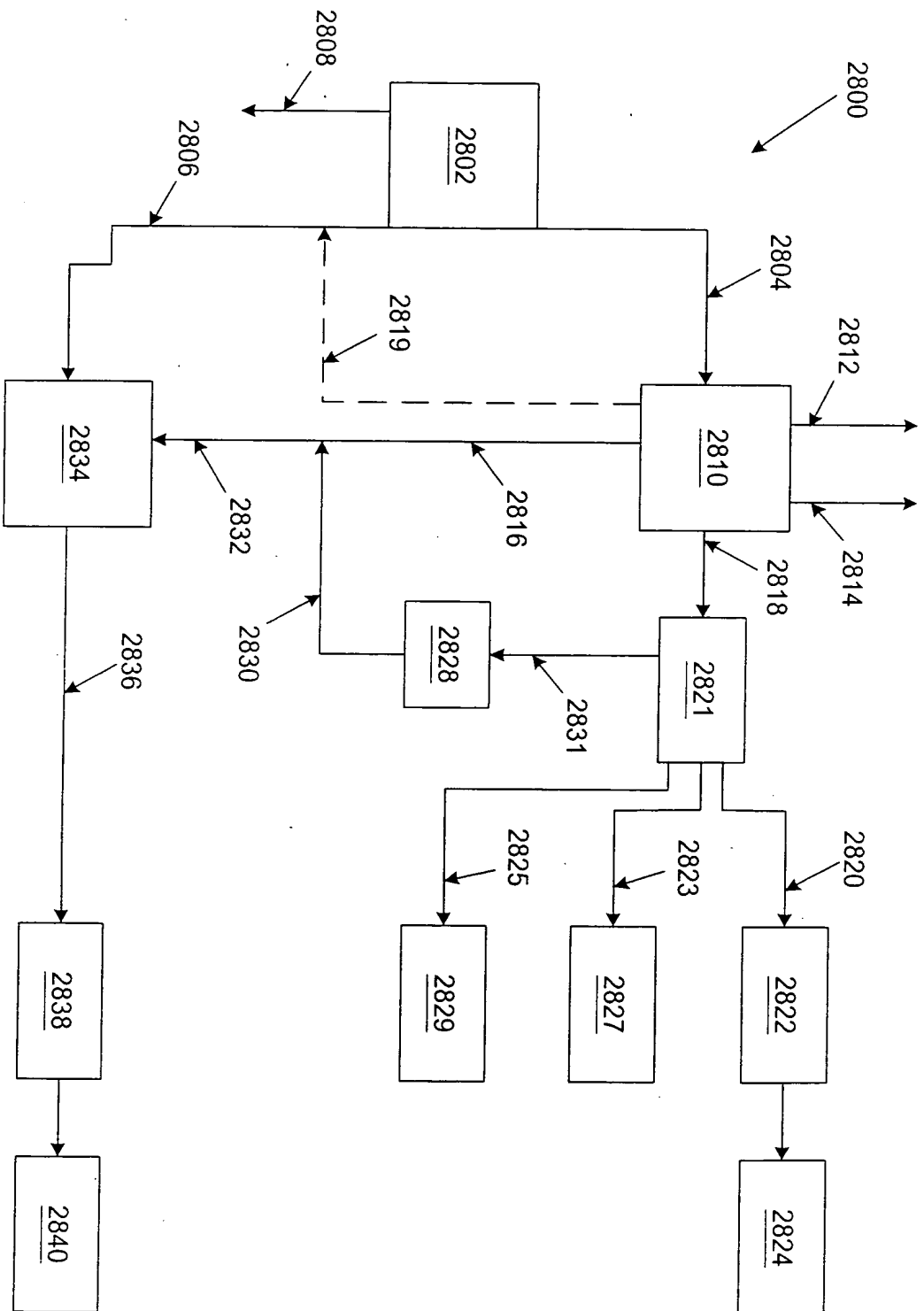
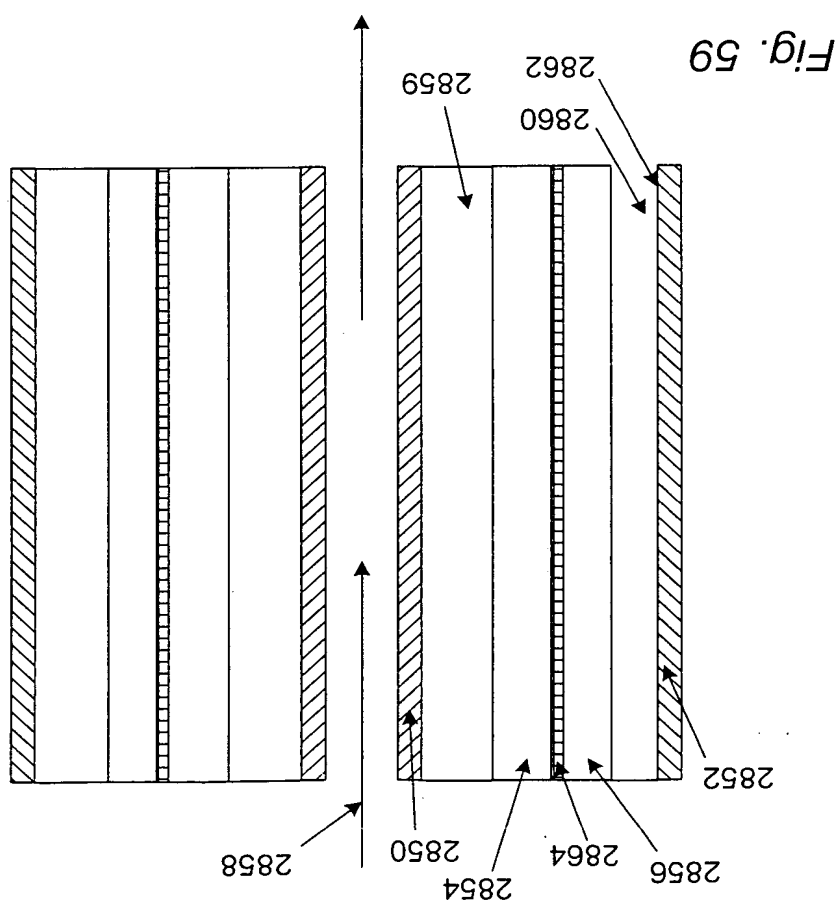
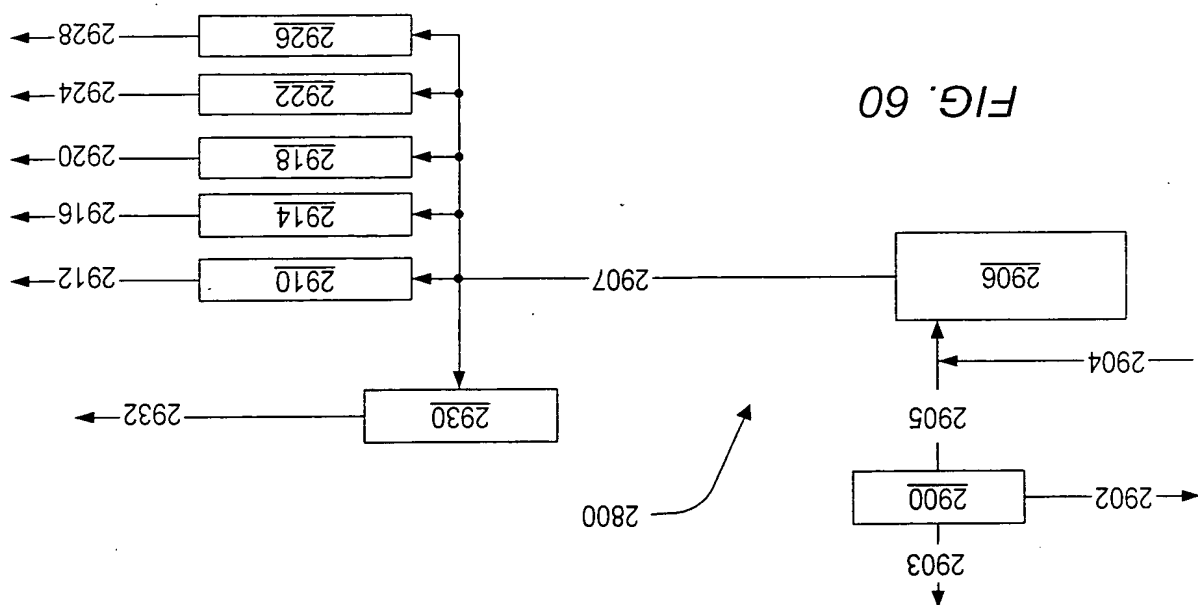


Fig. 58



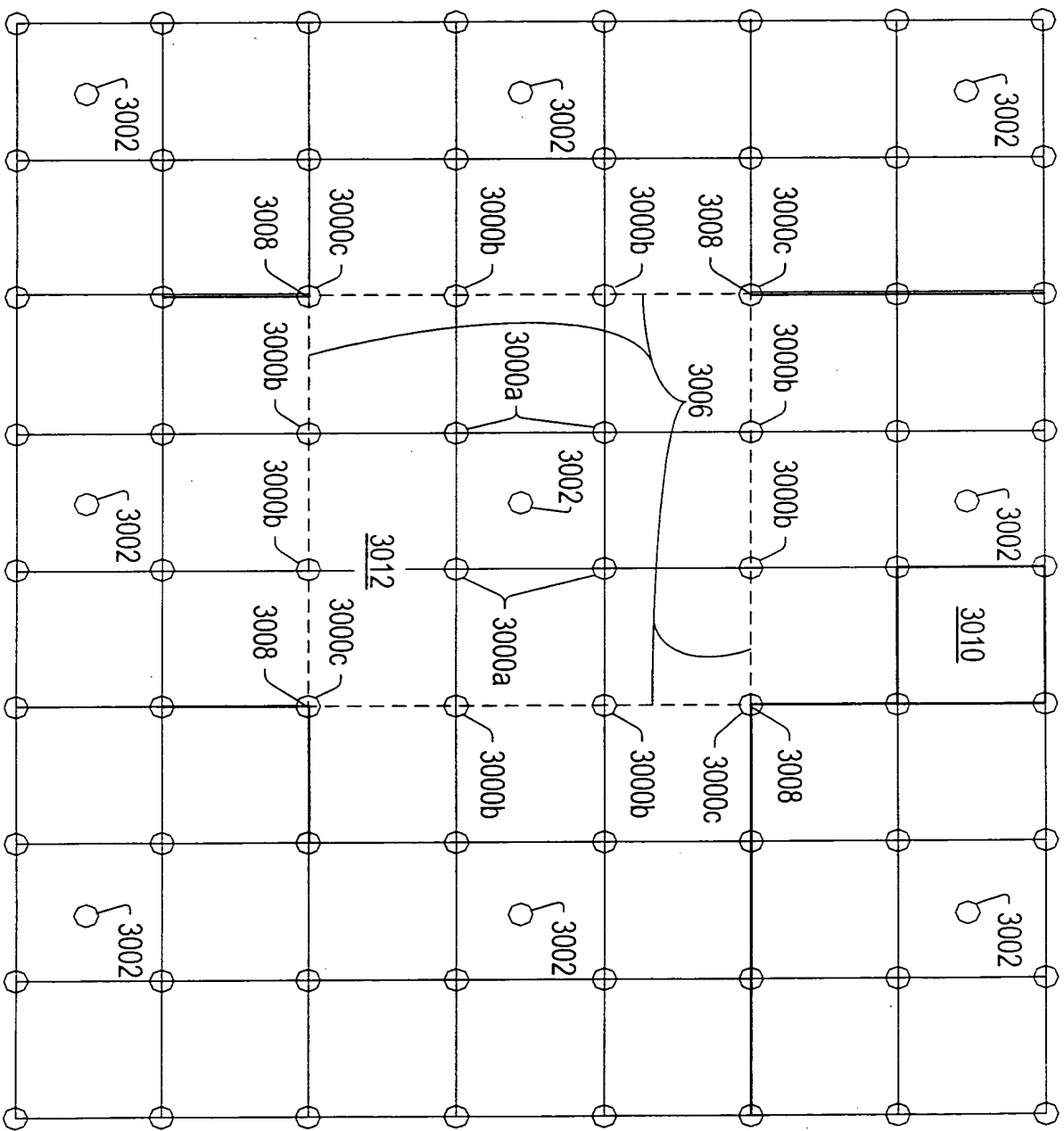


FIG. 61

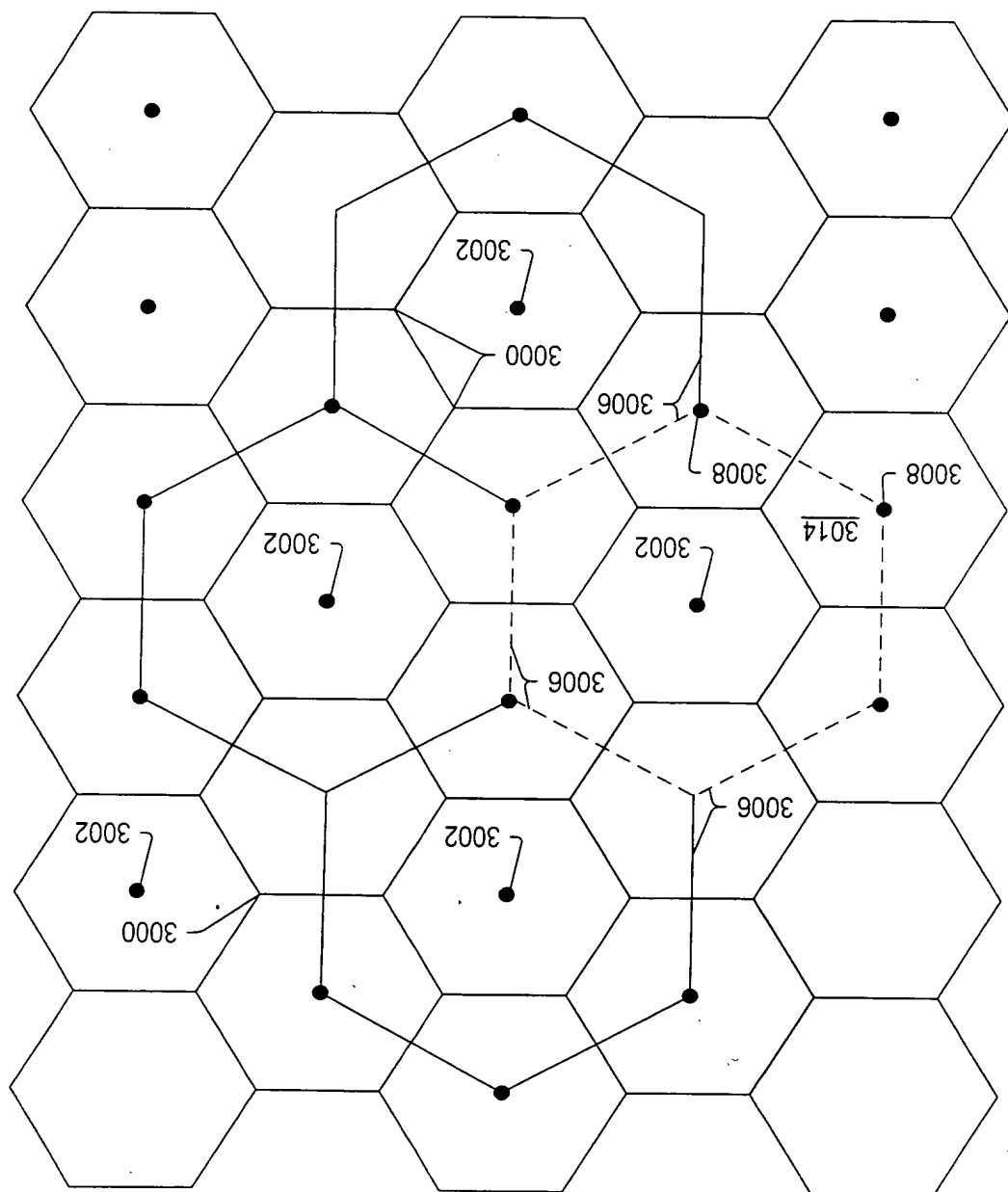


FIG. 62

FIG. 64

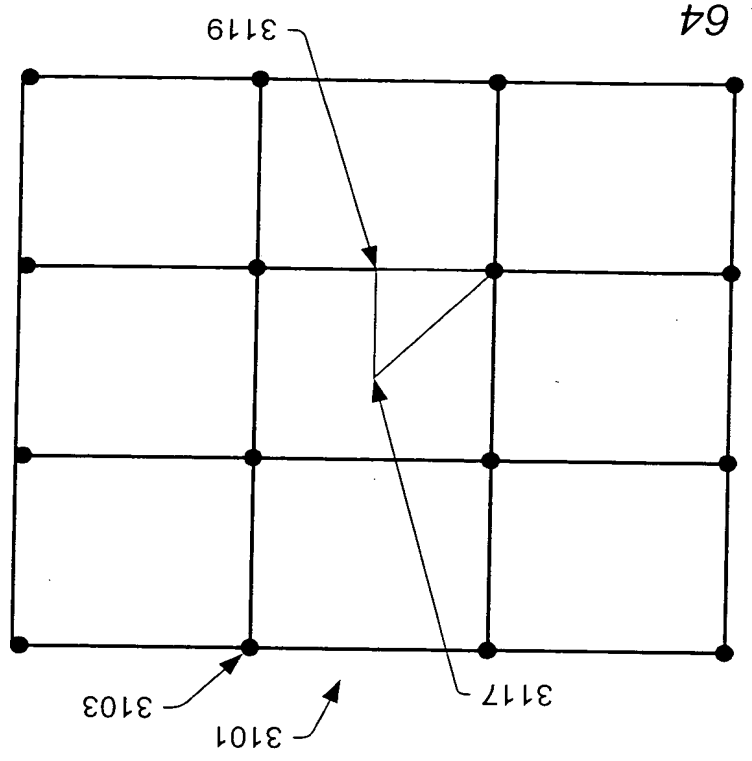


FIG. 63

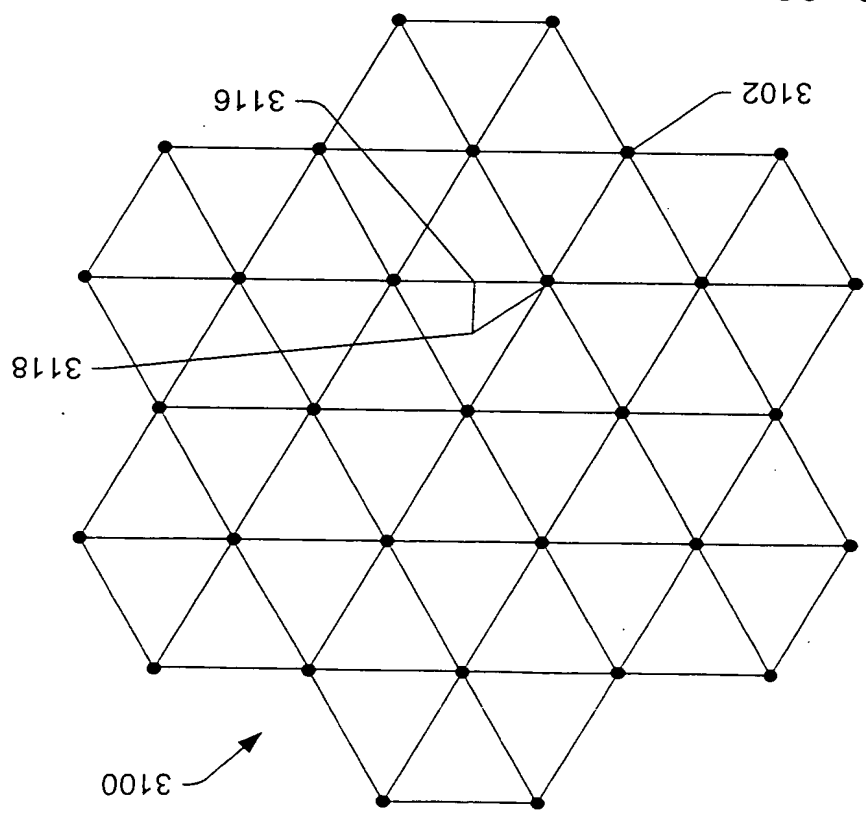


FIG. 66

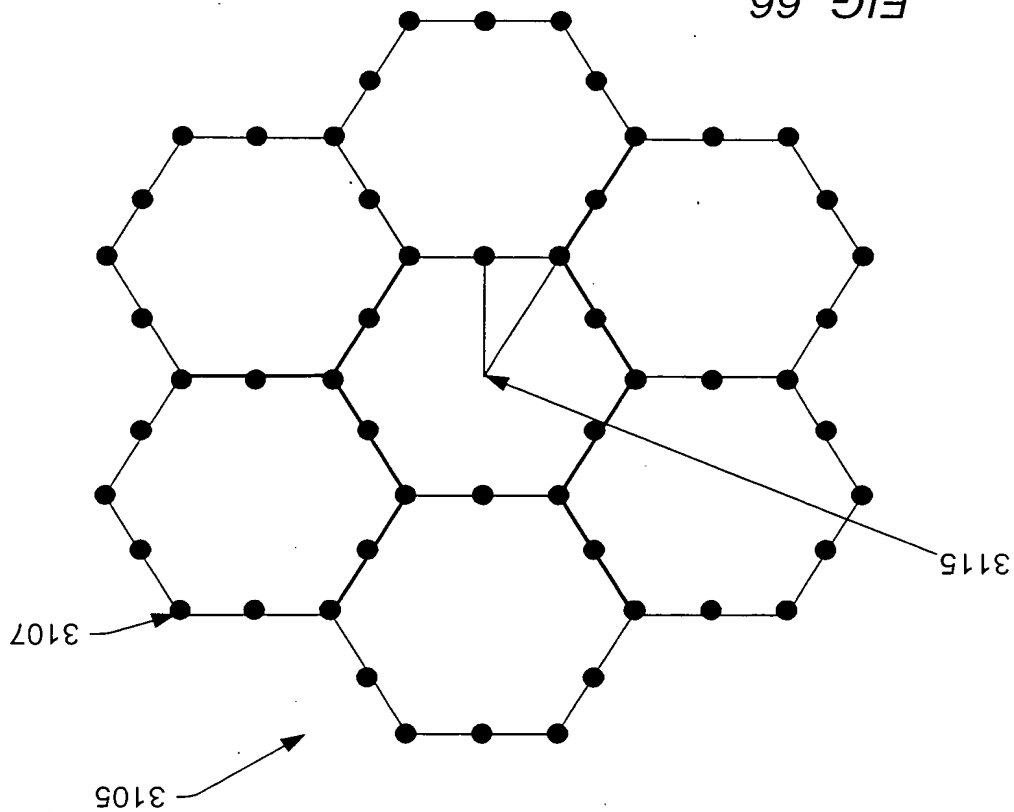
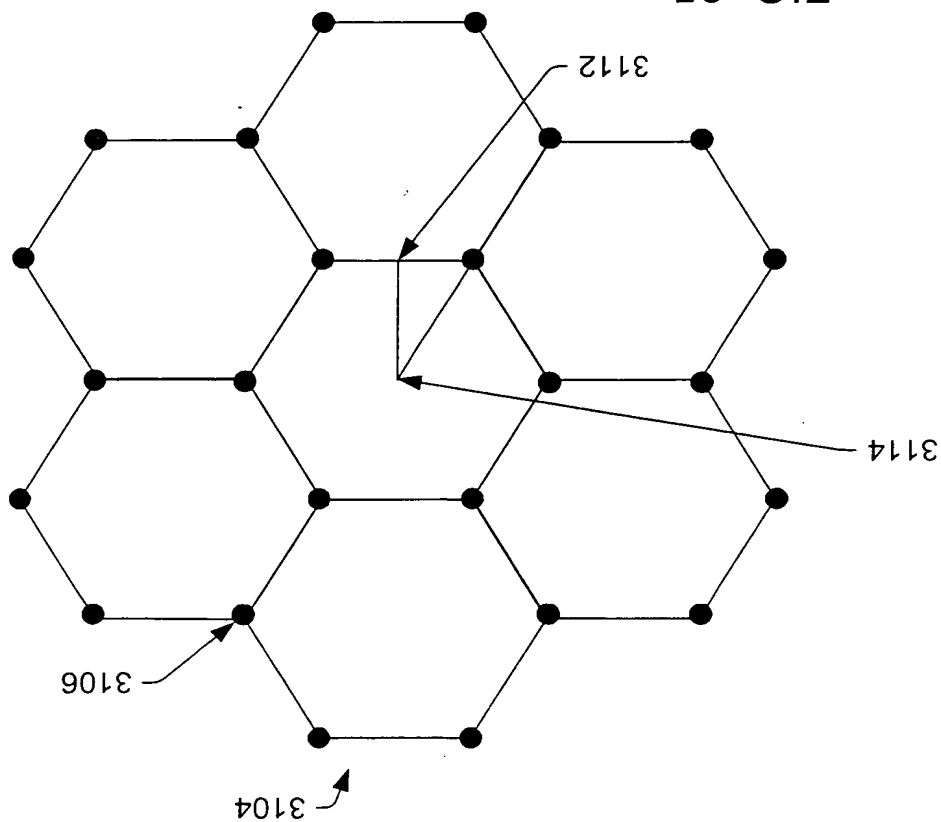


FIG. 65



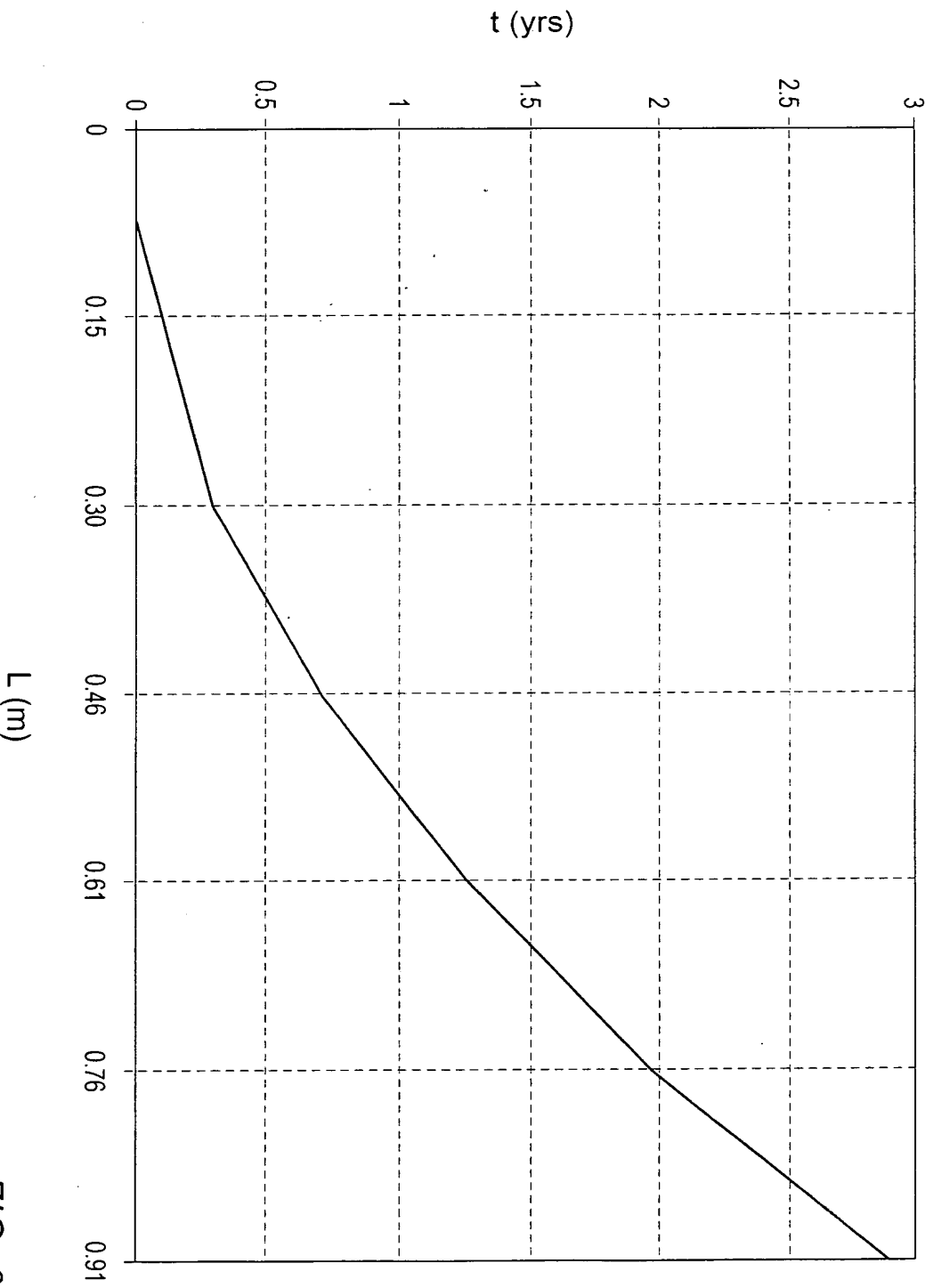


FIG. 67

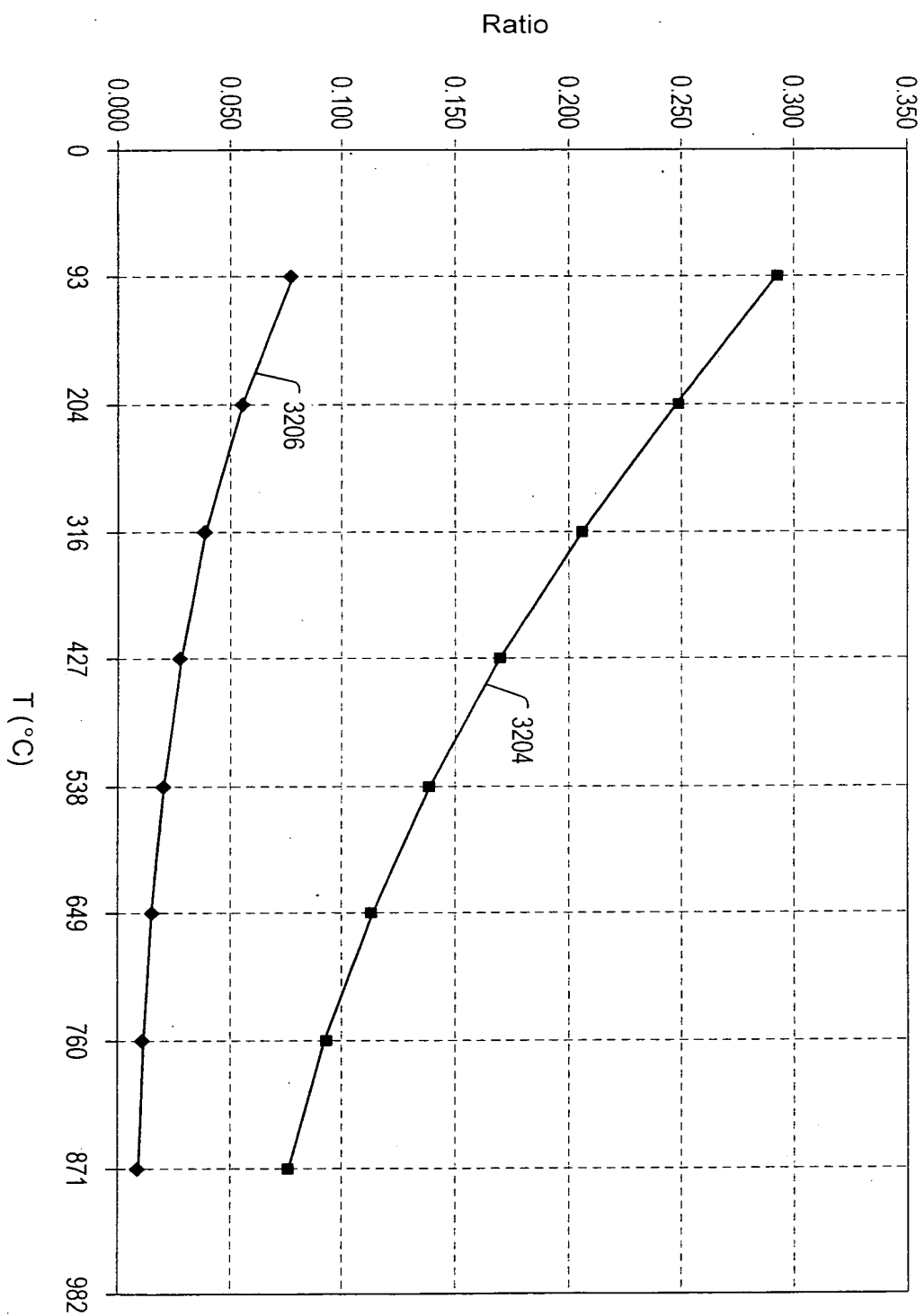


FIG. 68

Ratio

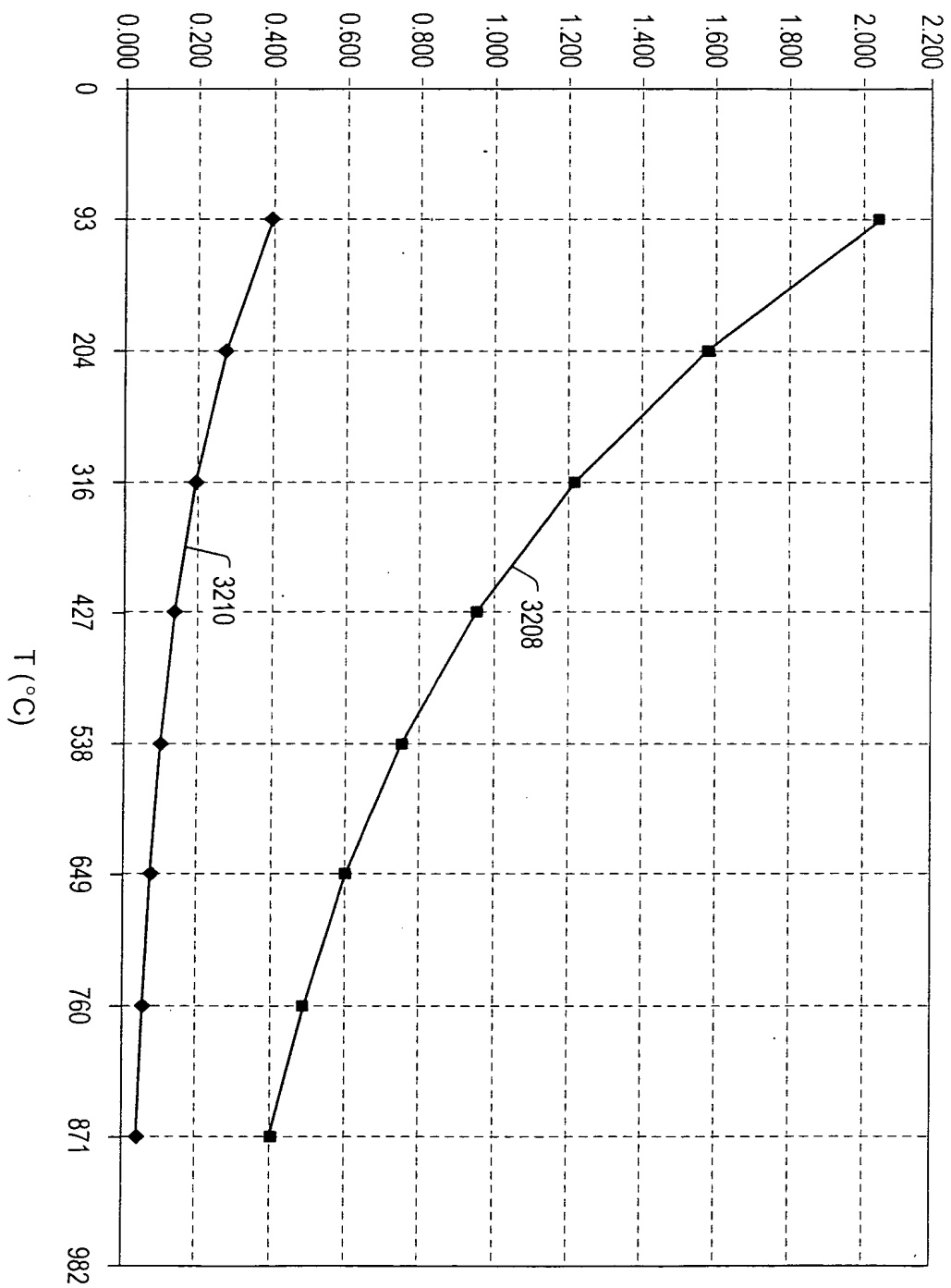


FIG. 69

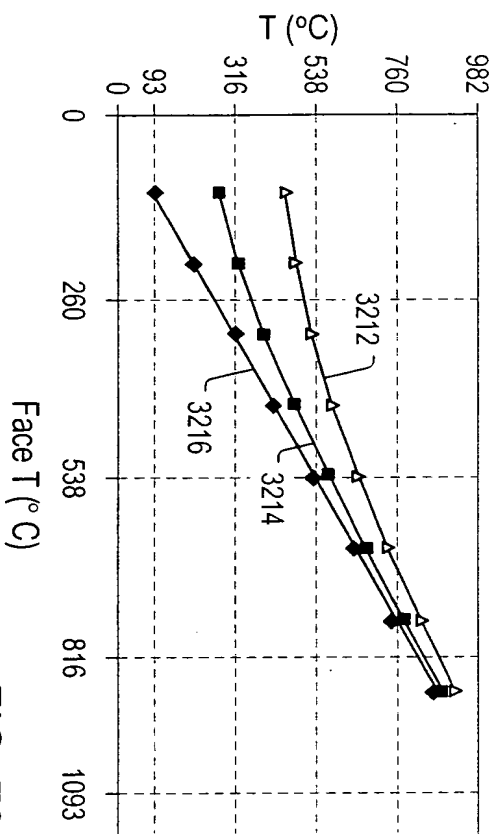


FIG. 70

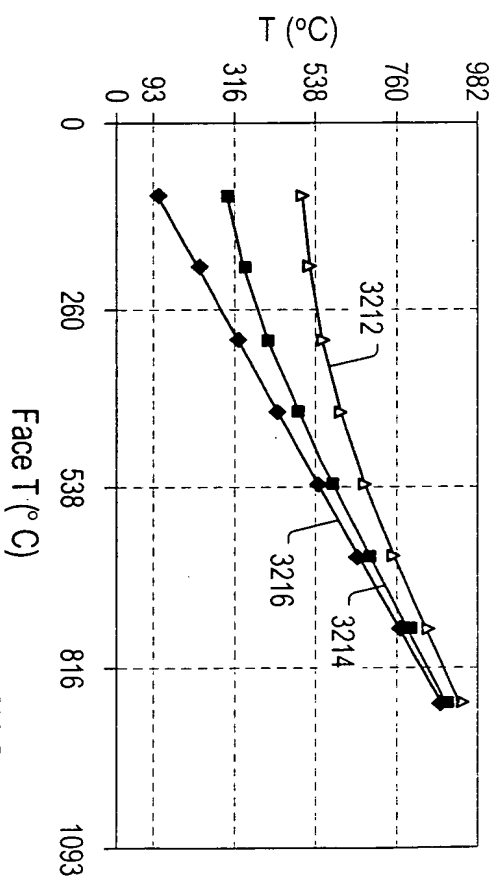


FIG. 71

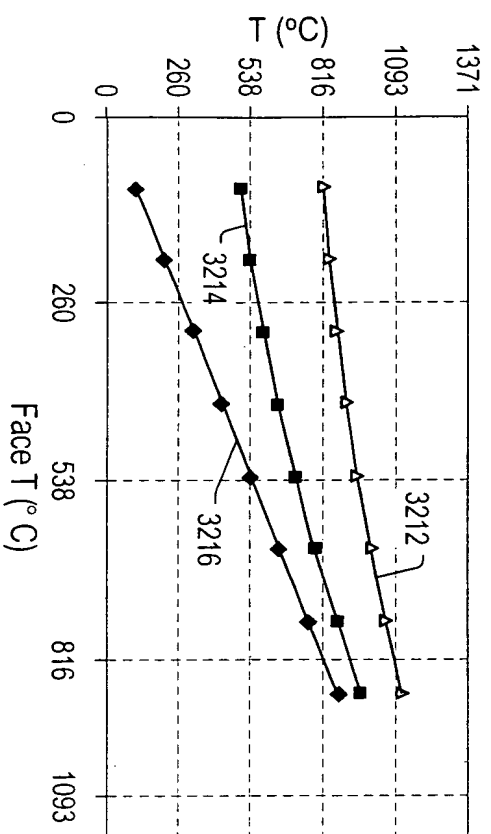


FIG. 72

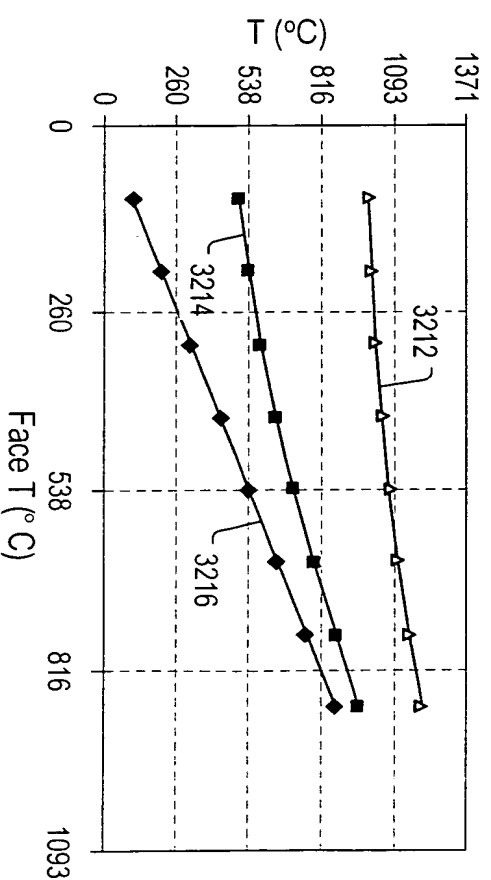


FIG. 73

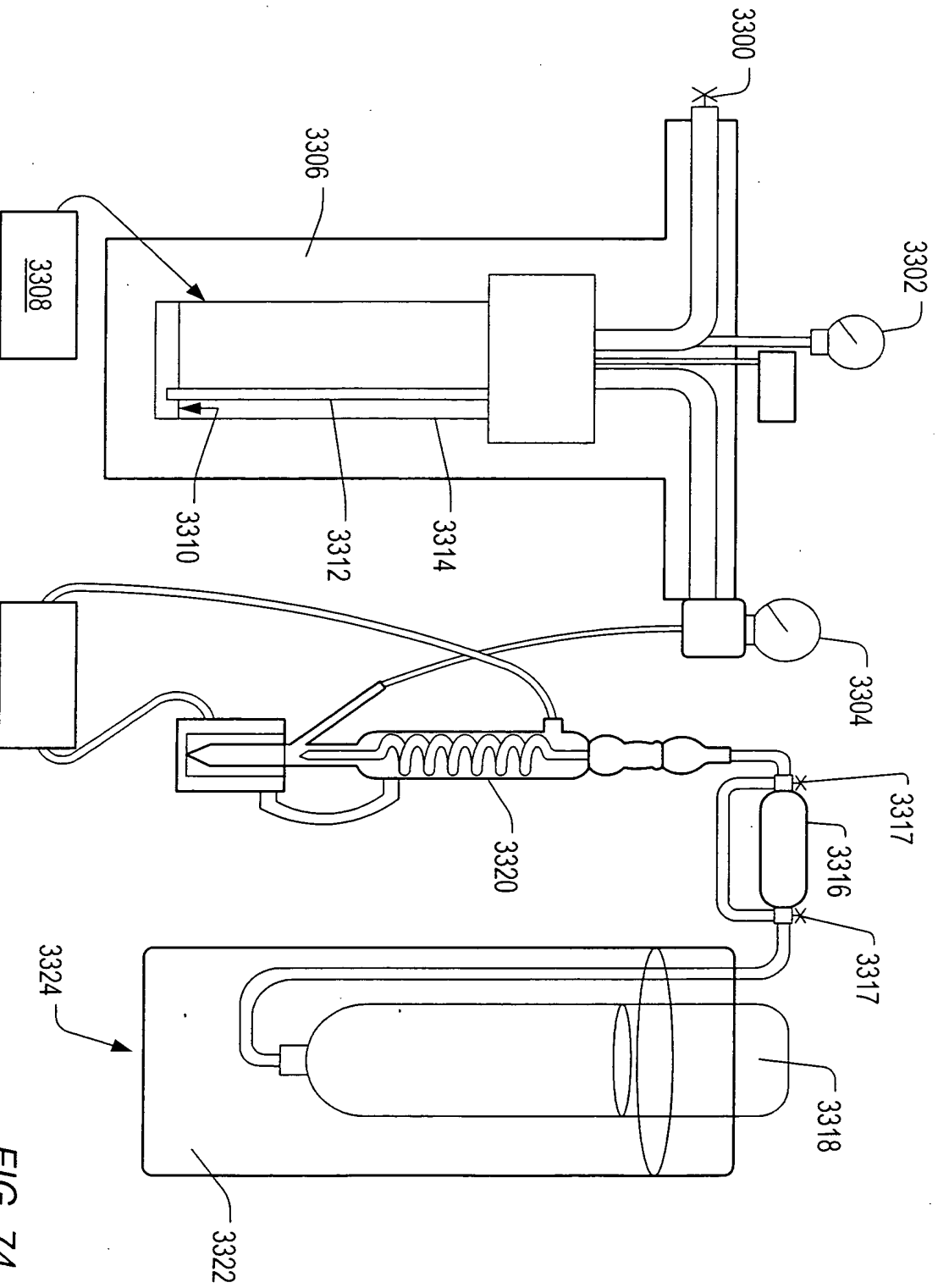


FIG. 74

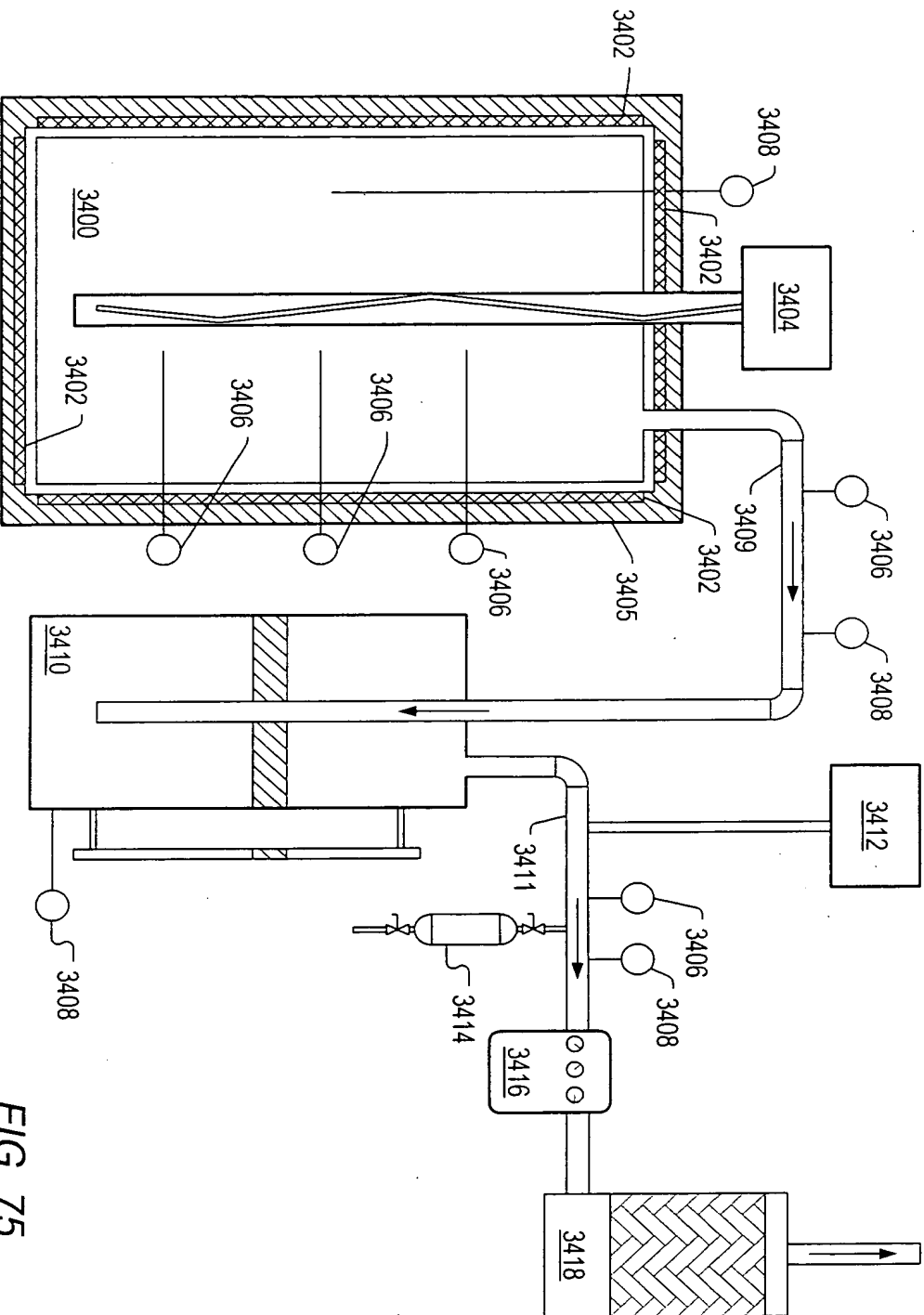


FIG. 75

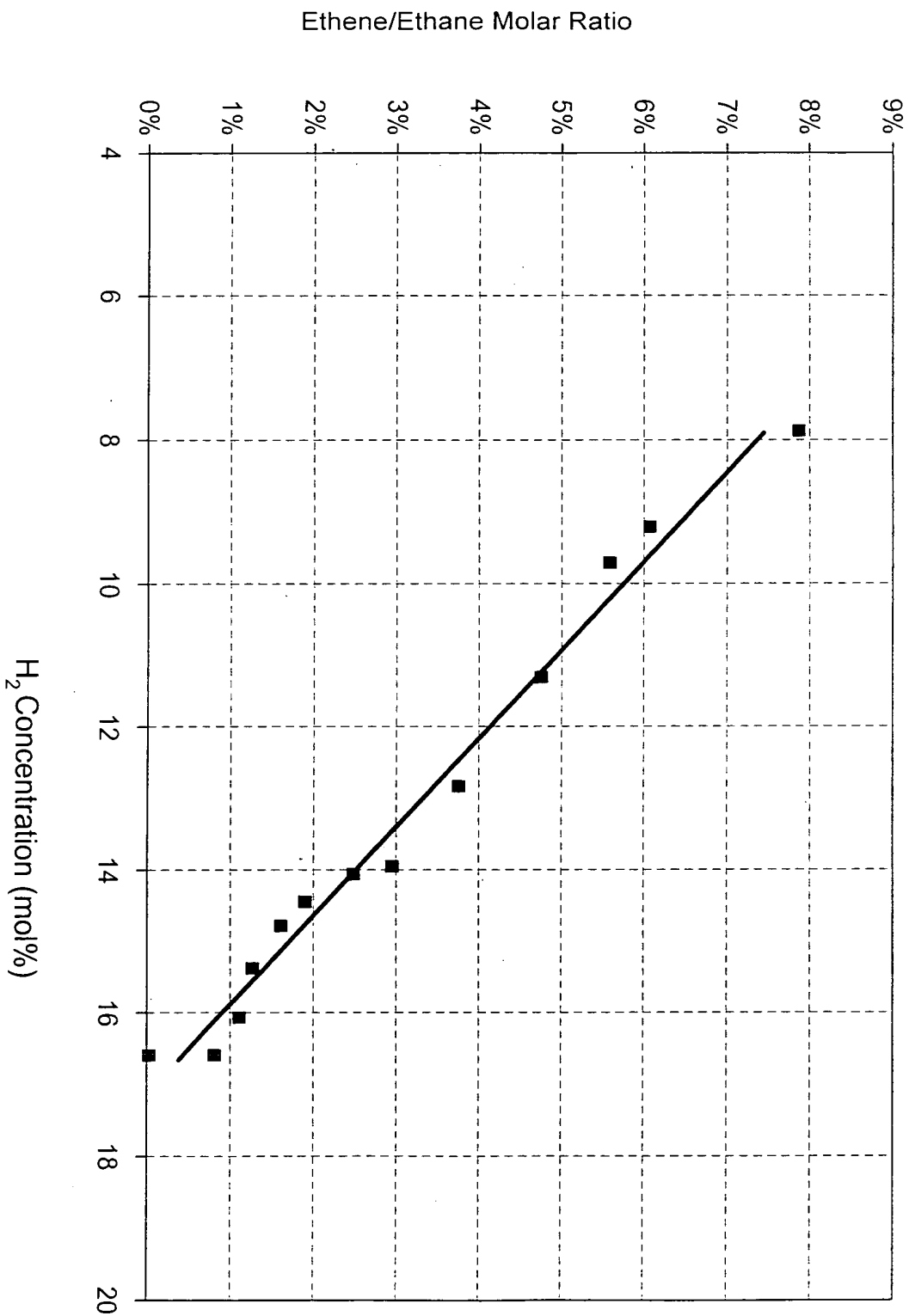


FIG. 76

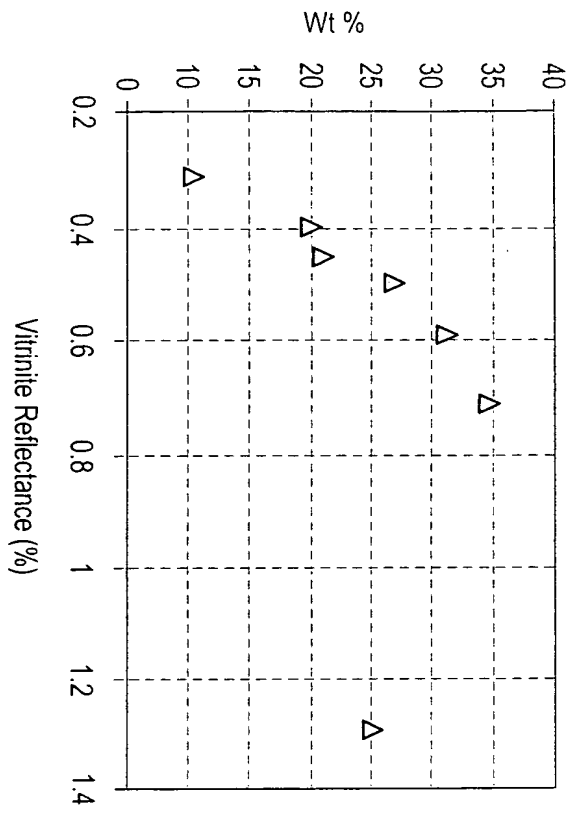


FIG. 77

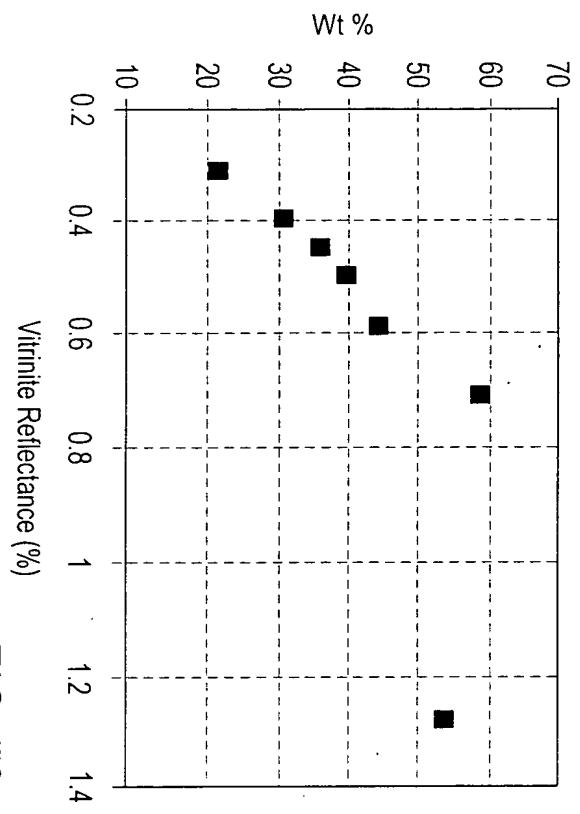


FIG. 79

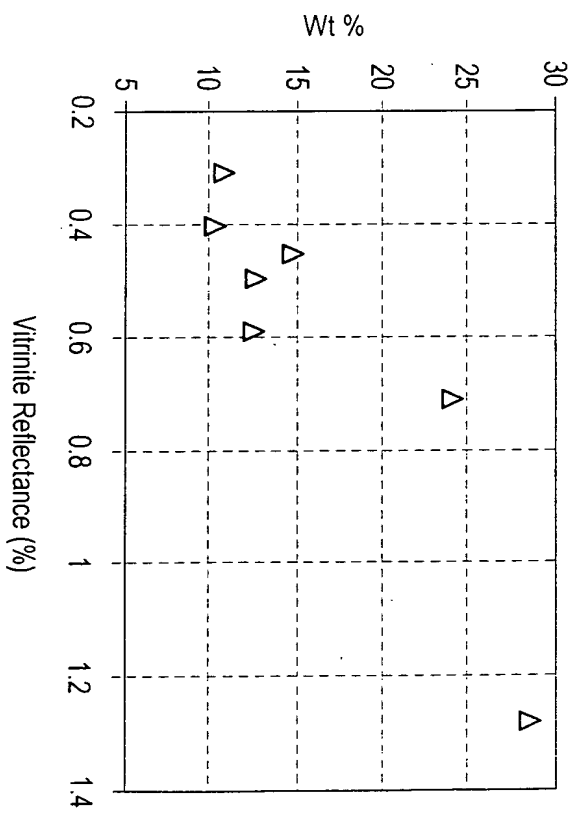


FIG. 78

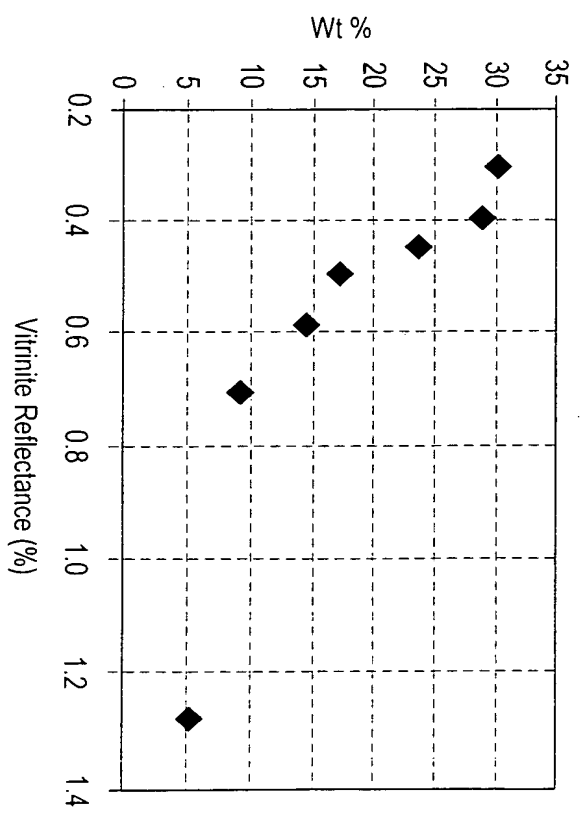


FIG. 80

FIG. 82

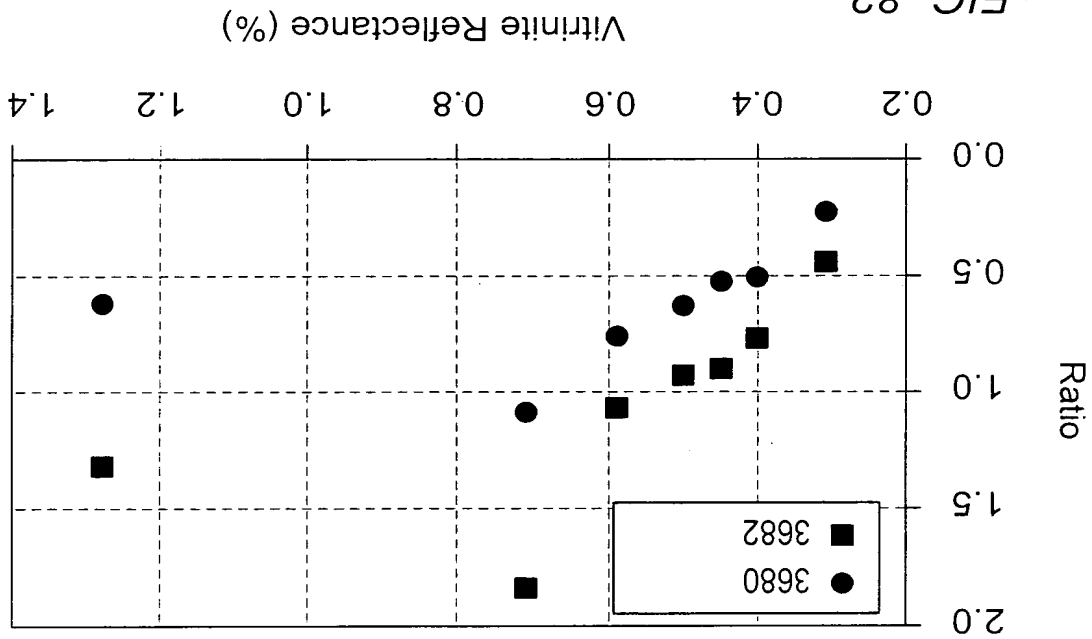
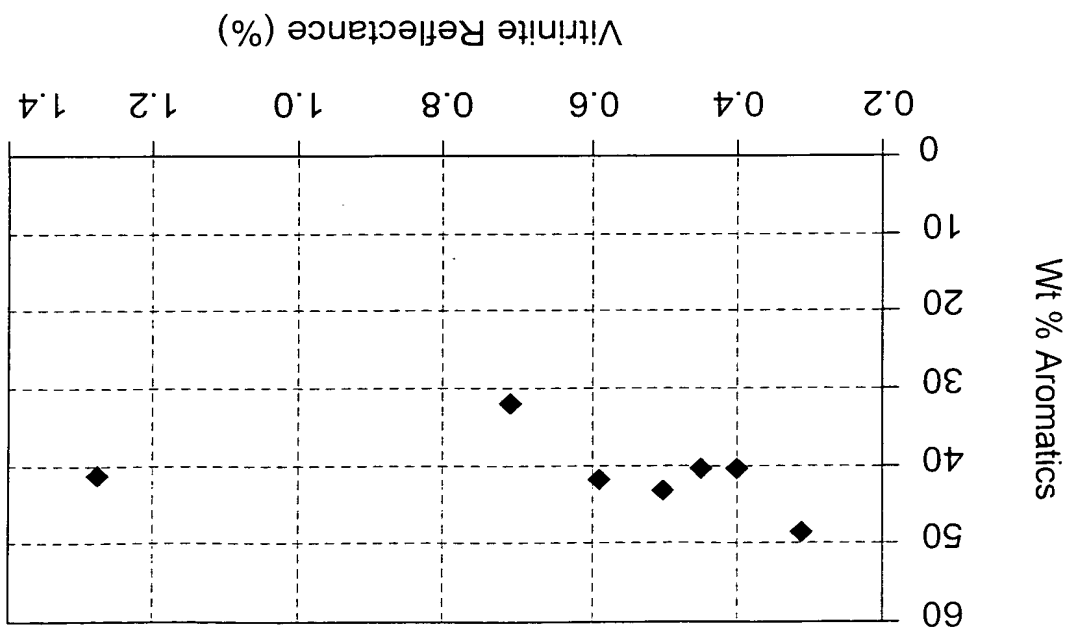


FIG. 81



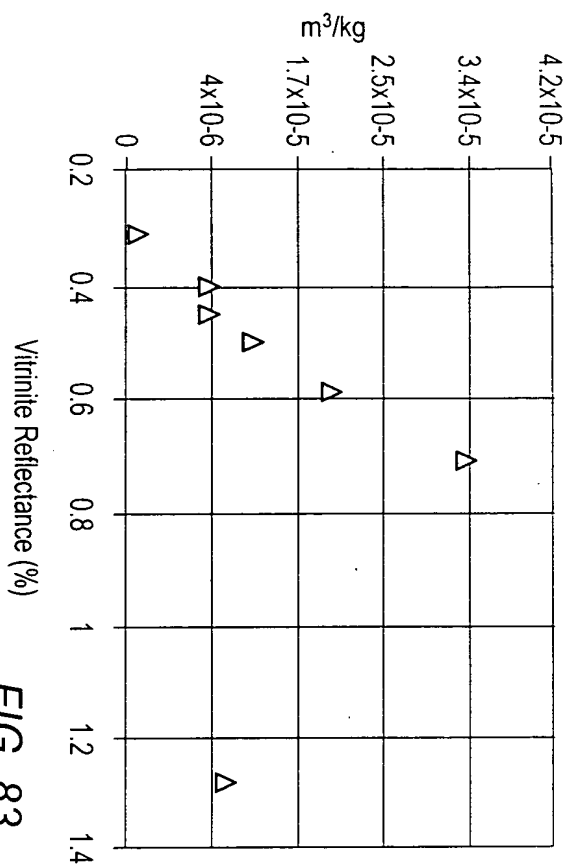


FIG. 83

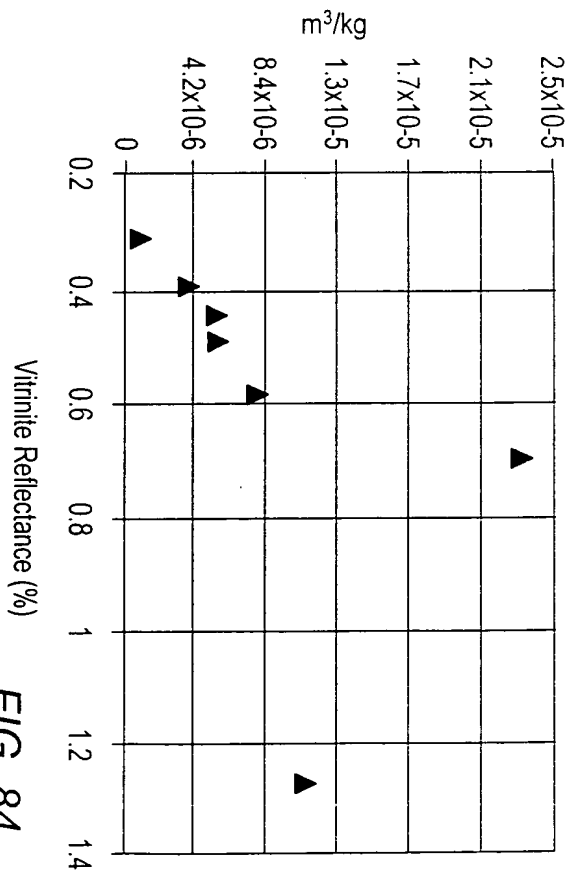


FIG. 84

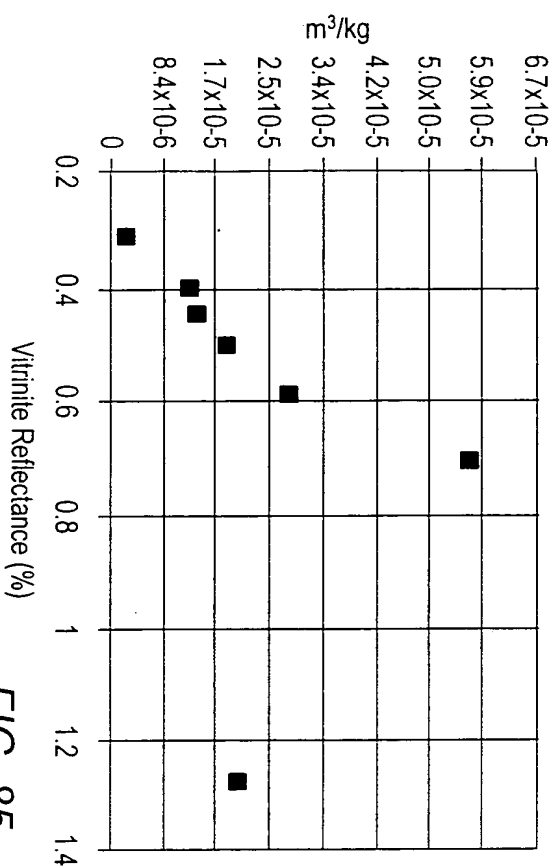


FIG. 85

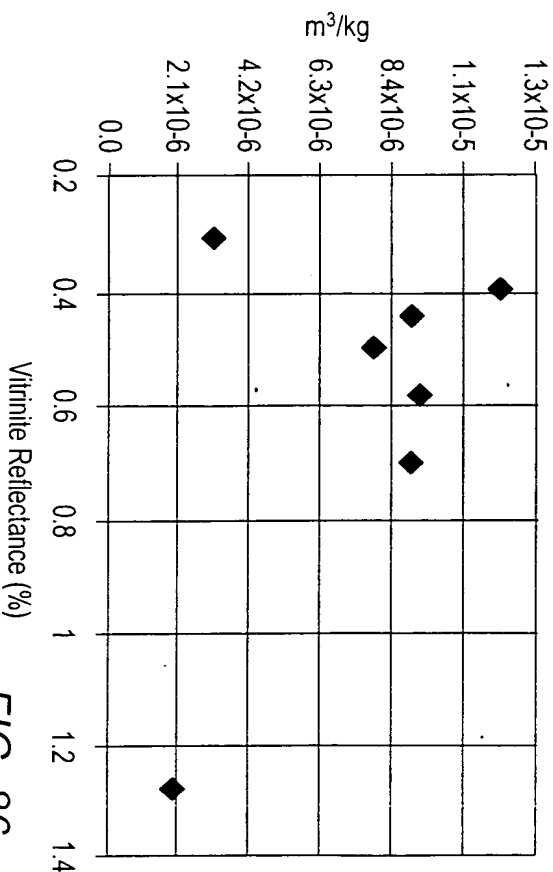


FIG. 86

Figure 87 is a scatter plot showing the relationship between API Gravity (°) and Vitrinite Reflectance (%). The Y-axis represents API Gravity (°) ranging from 20 to 38. The X-axis represents Vitrinite Reflectance (%) ranging from 0.2 to 1.4. The data points show a general trend of increasing API Gravity with increasing Vitrinite Reflectance, with some scatter at lower reflectance values.

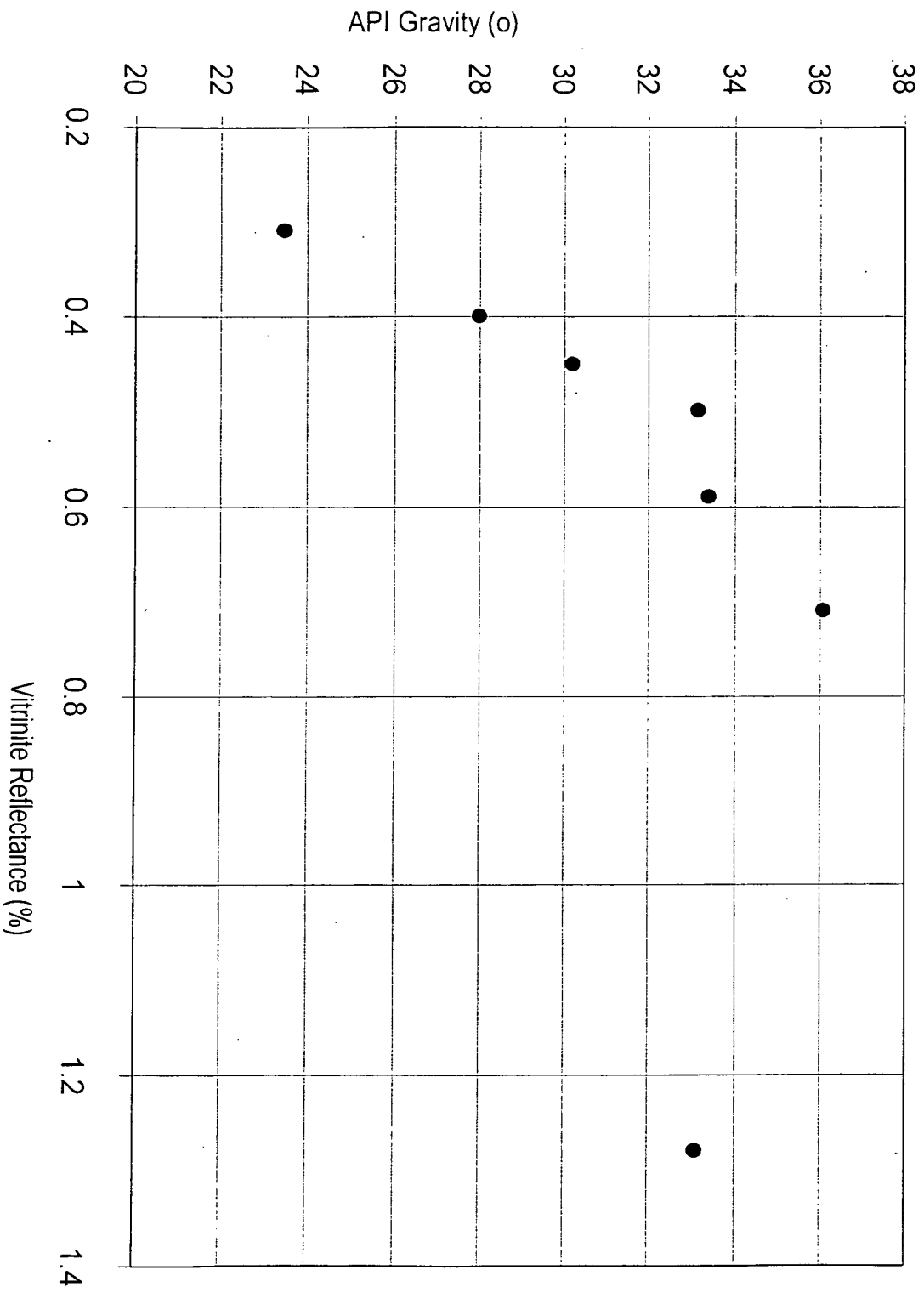
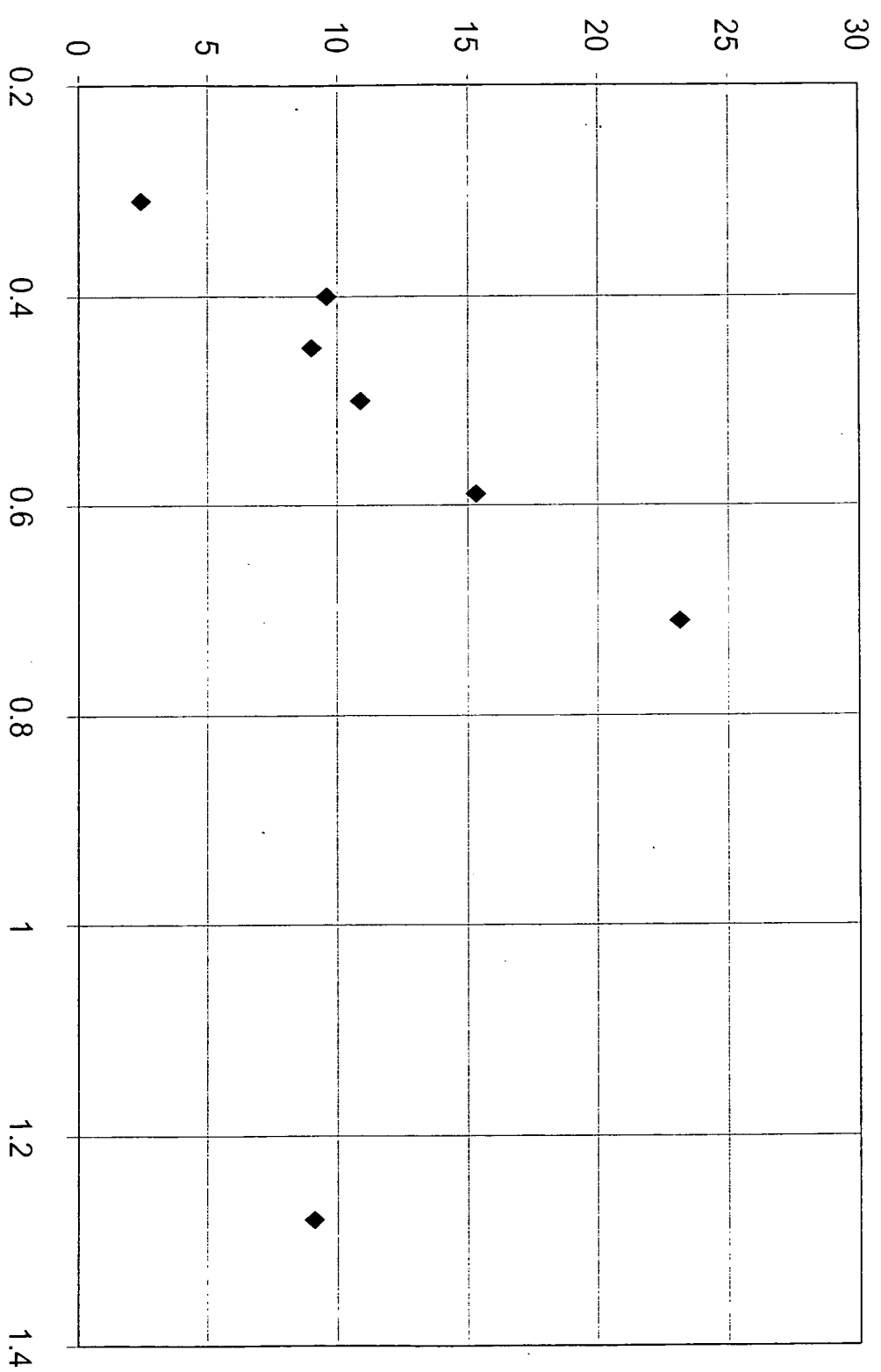


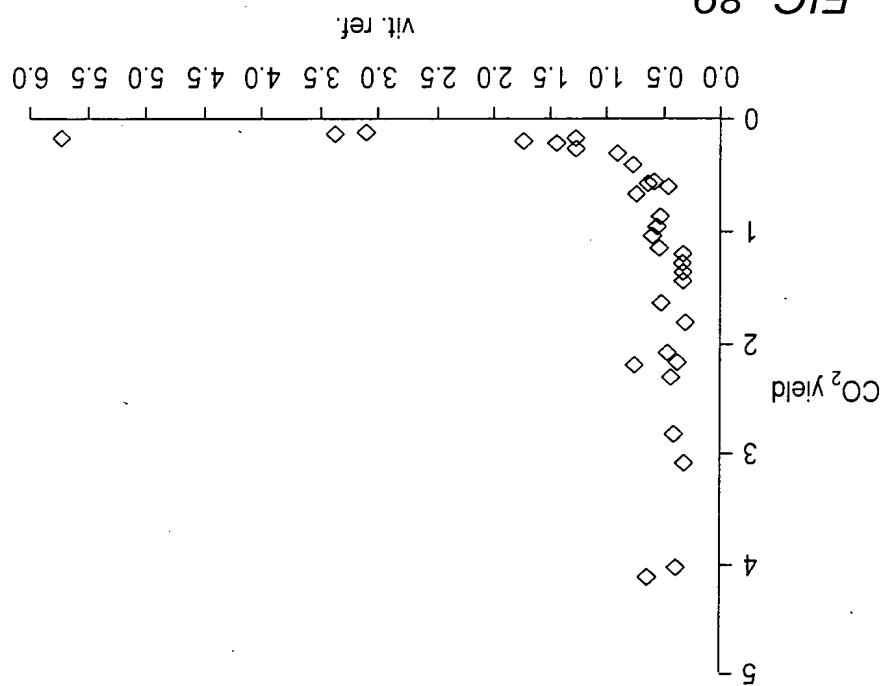
FIG. 87

0.3562



Vitrinite Reflectance (%)

FIG. 88



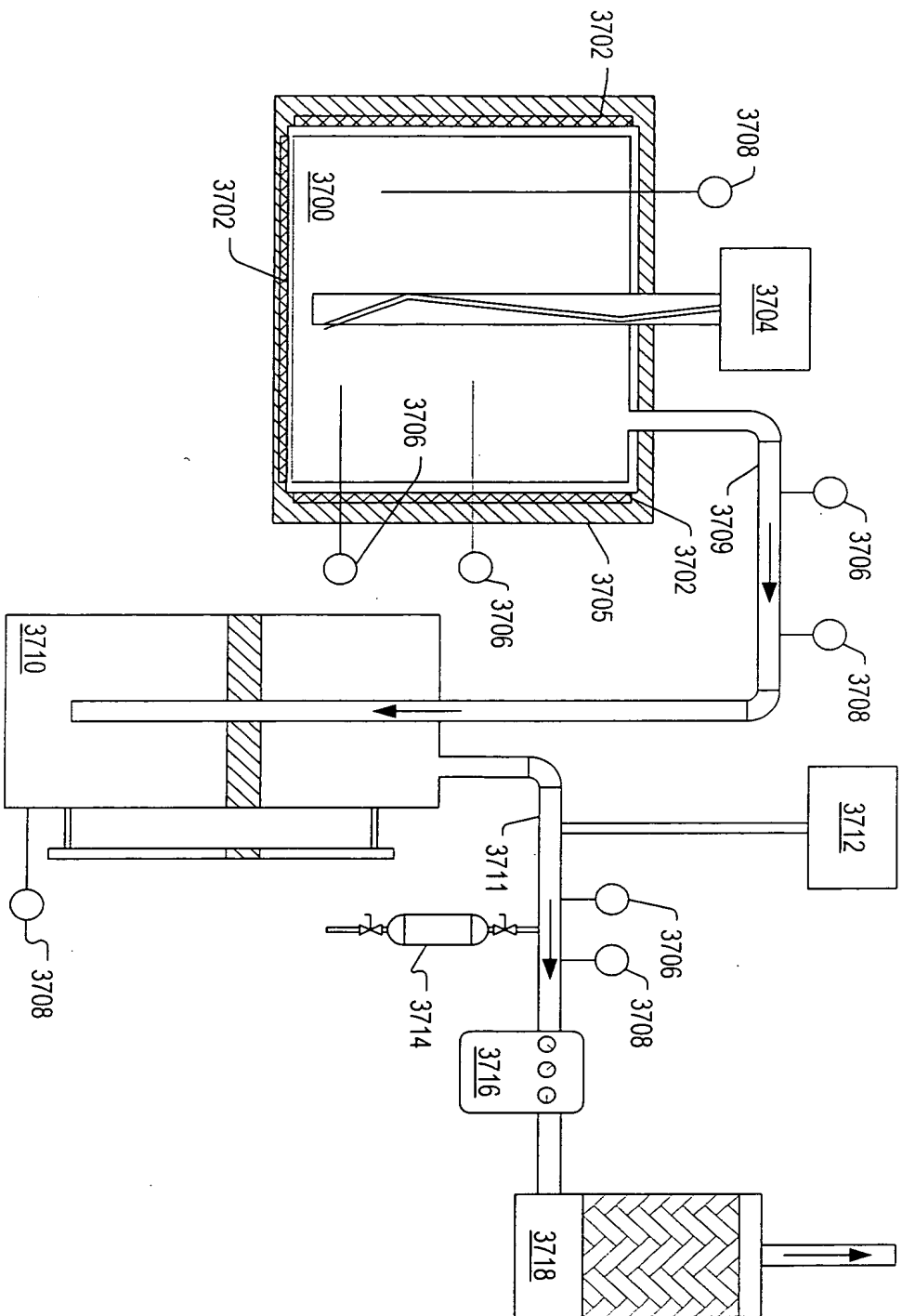


FIG. 91

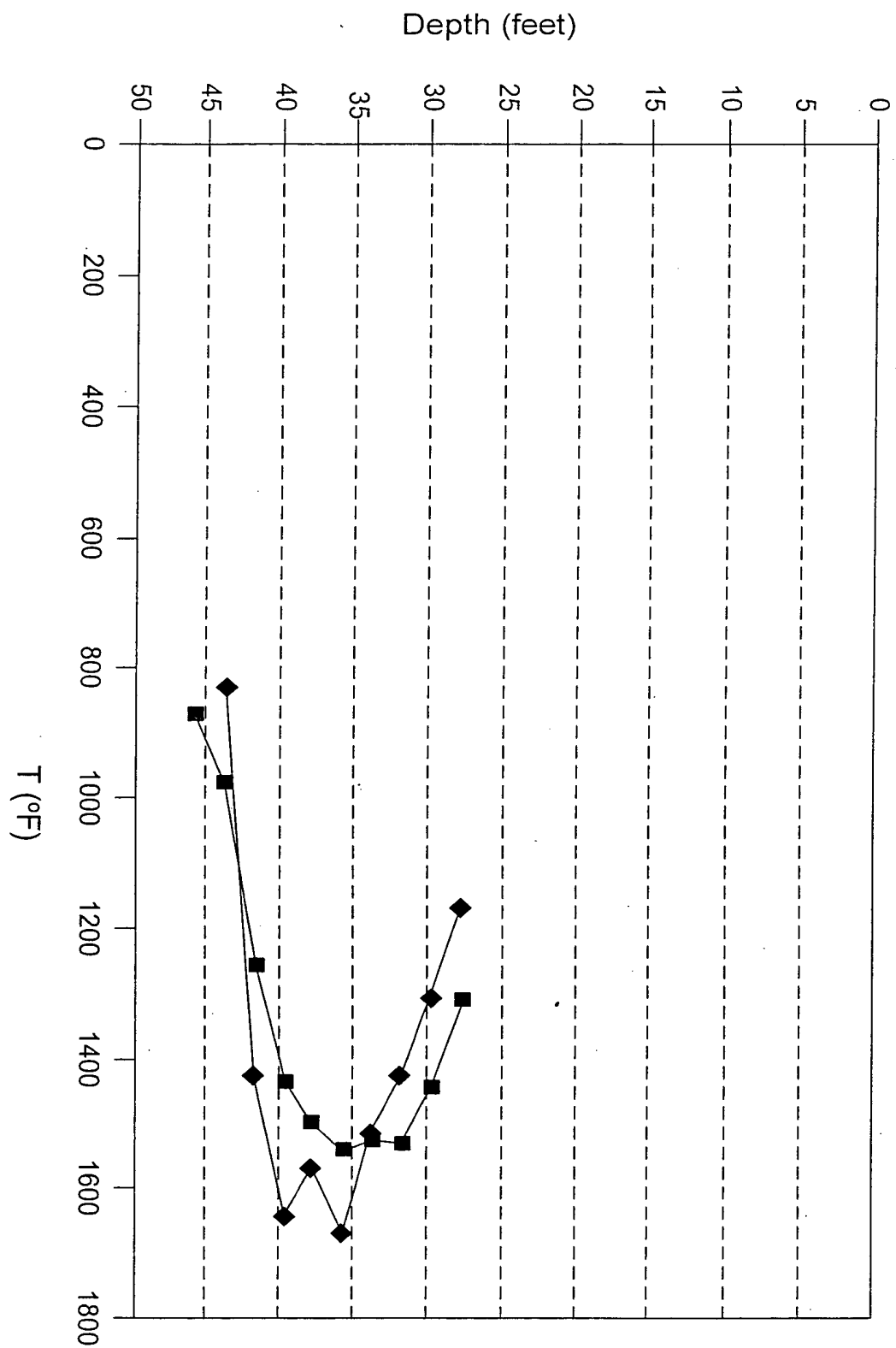


FIG. 92

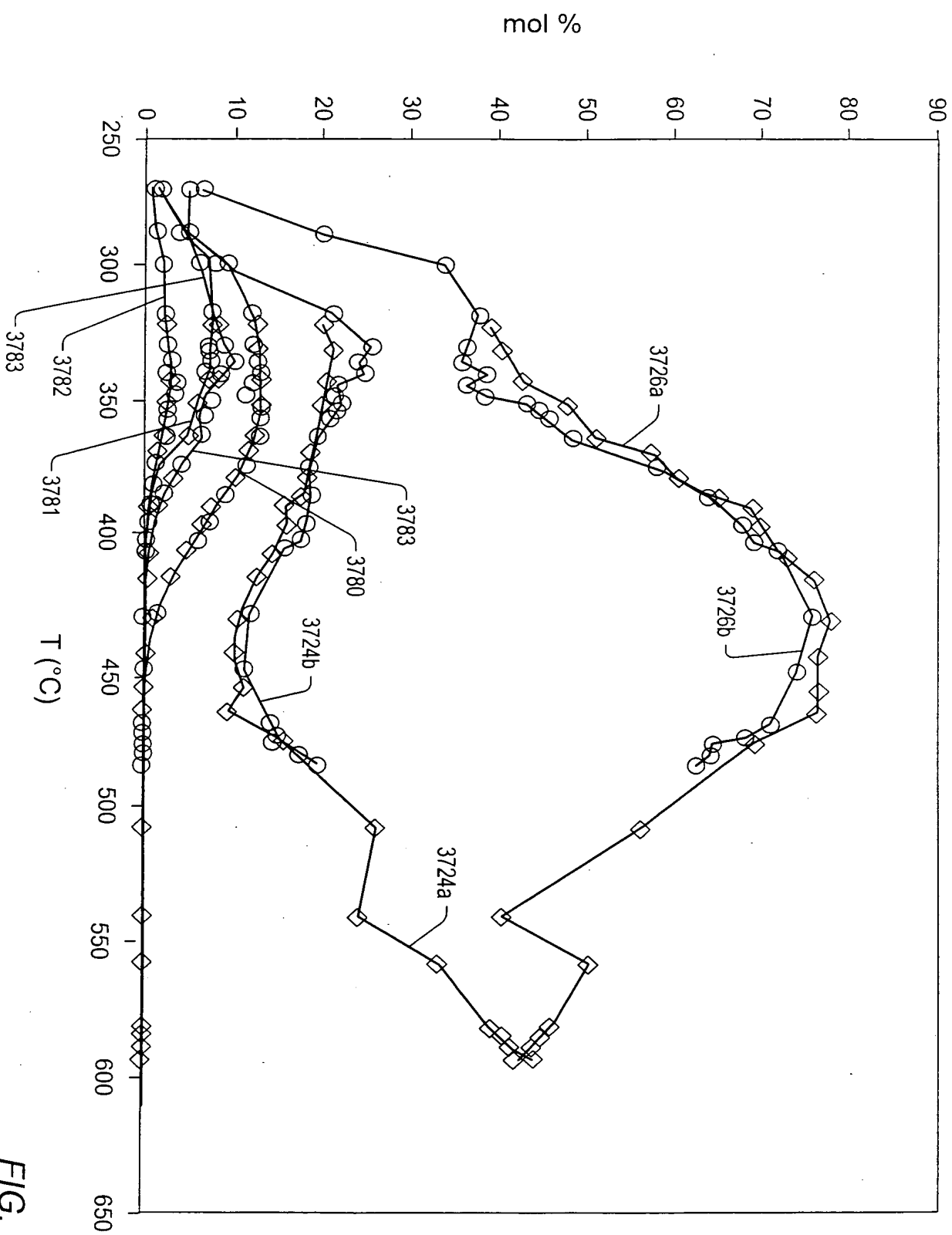


FIG. 93

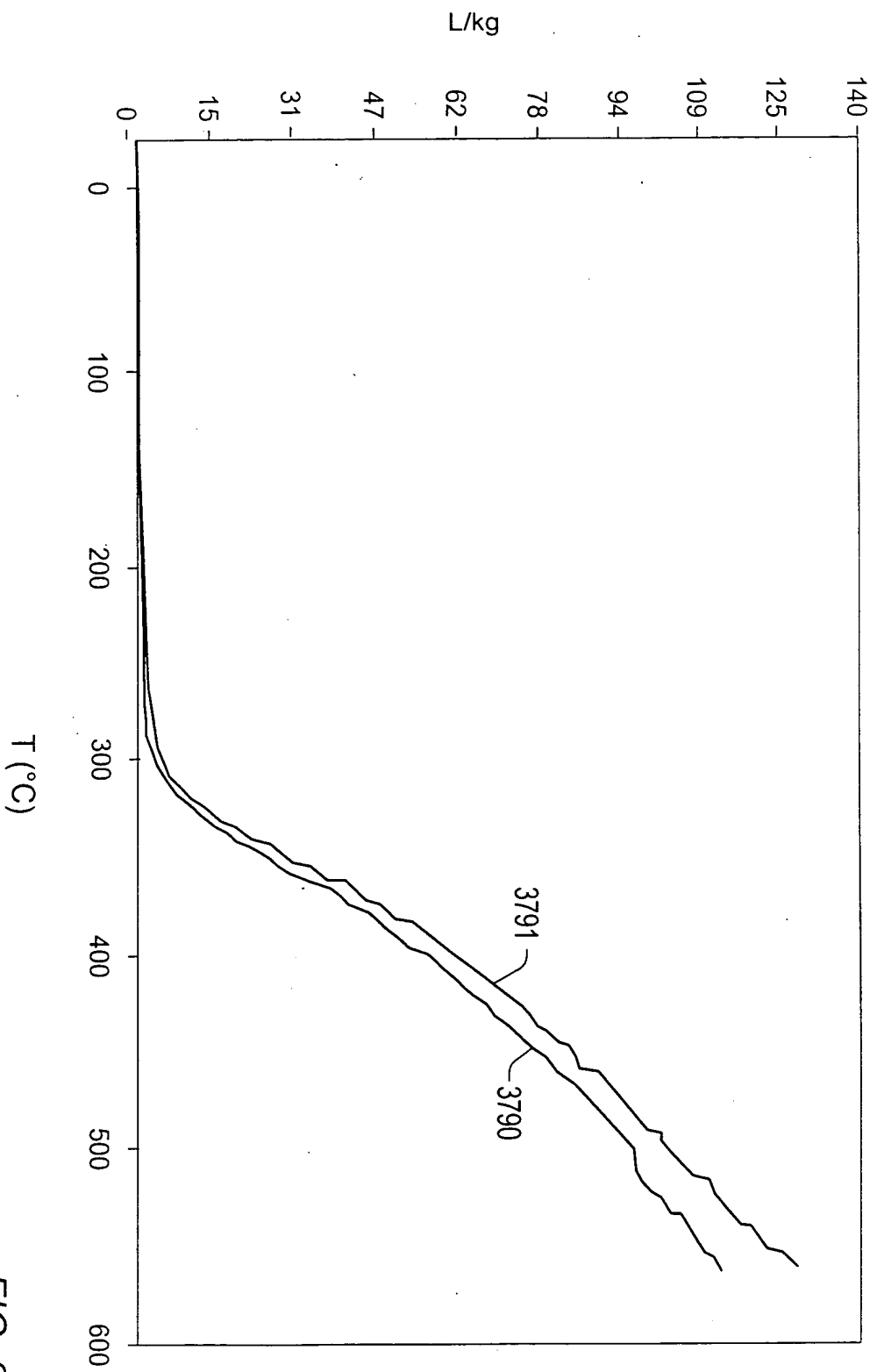


FIG. 95

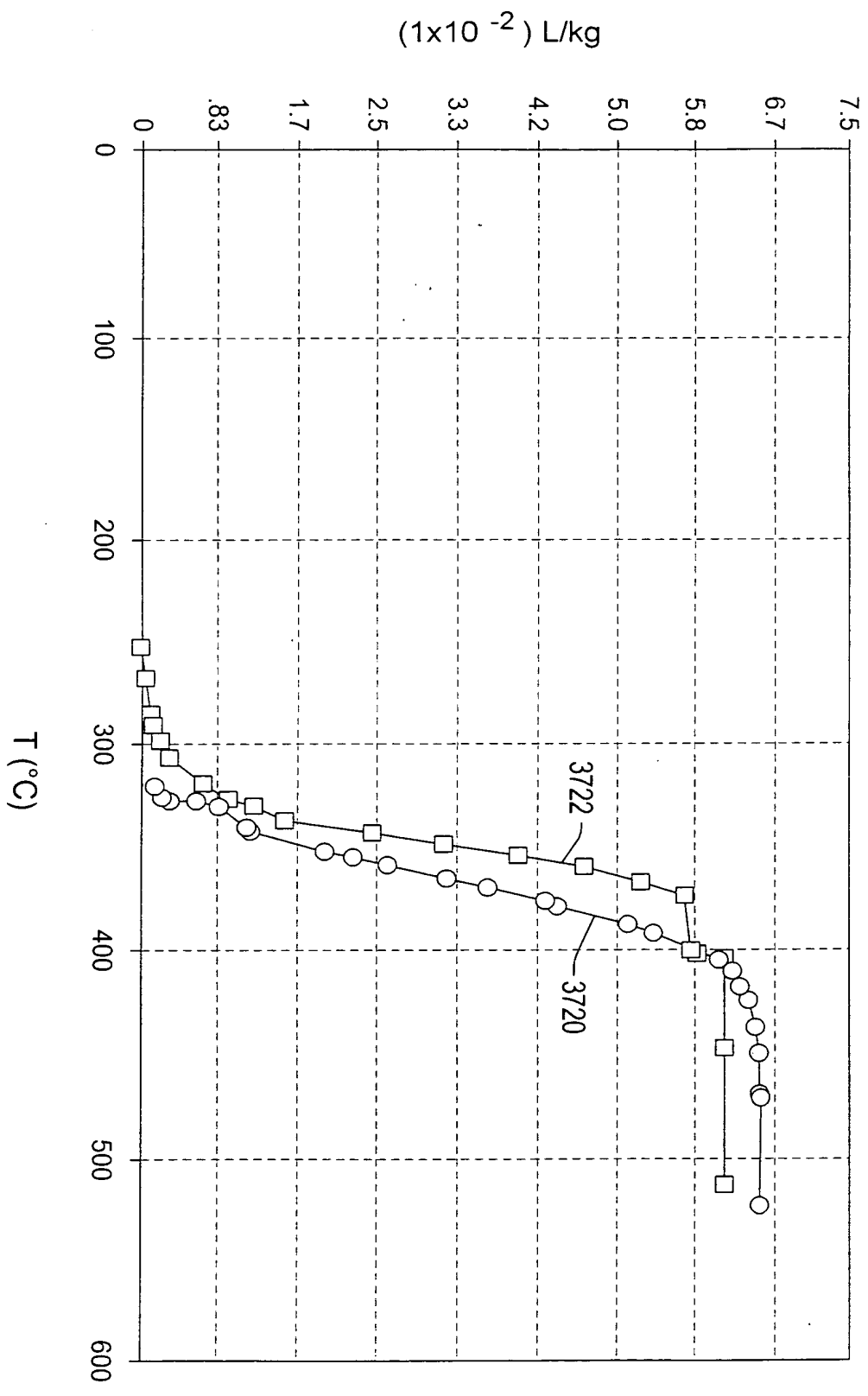


FIG. 95

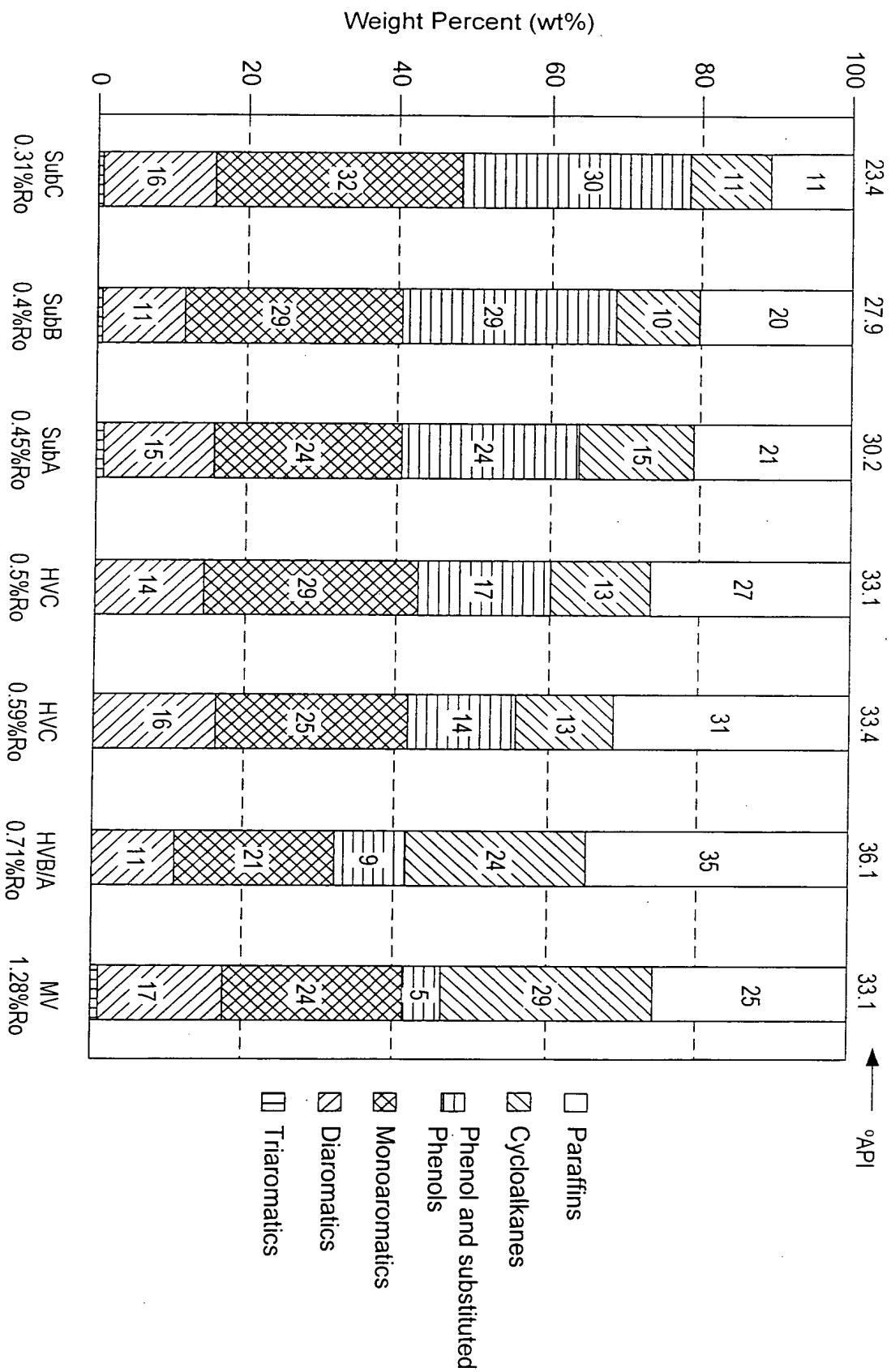
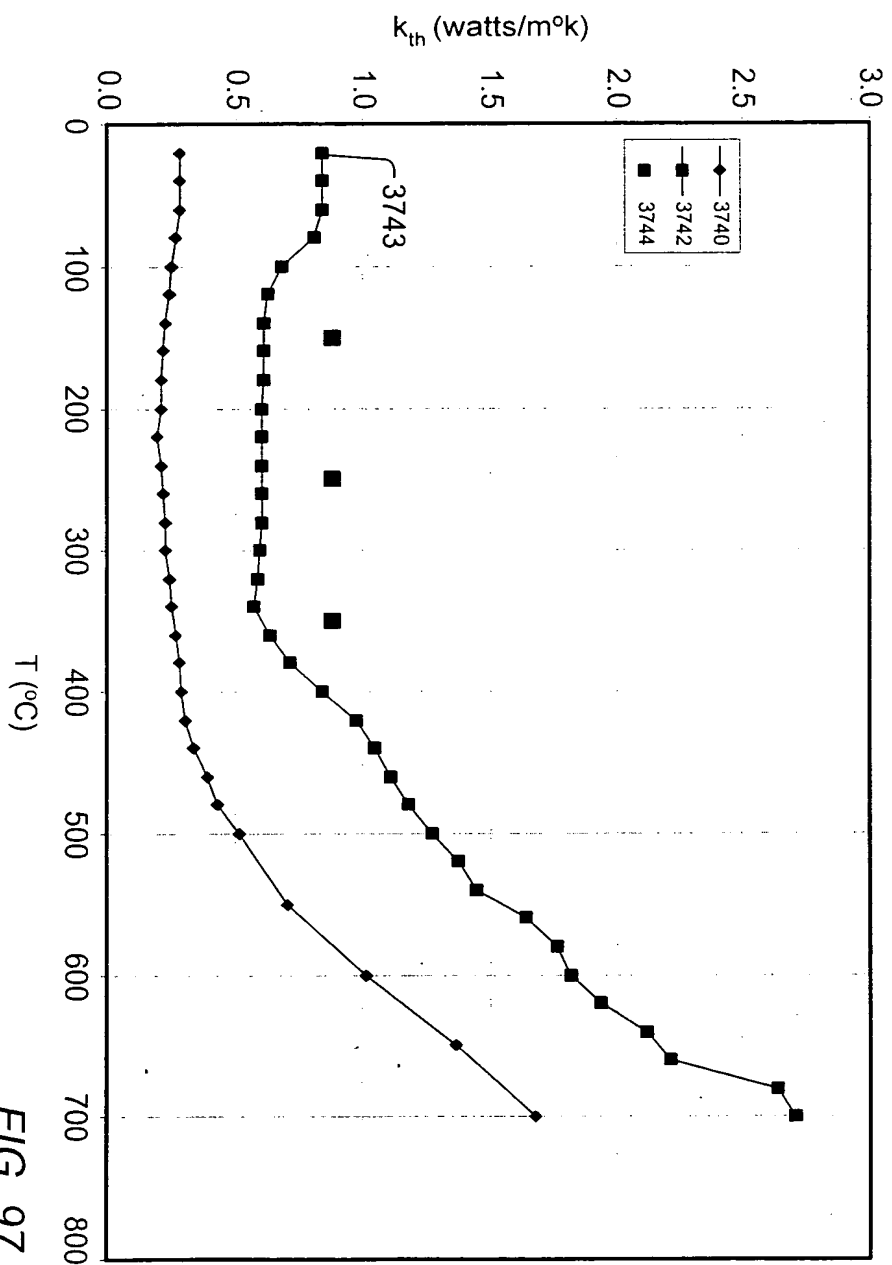
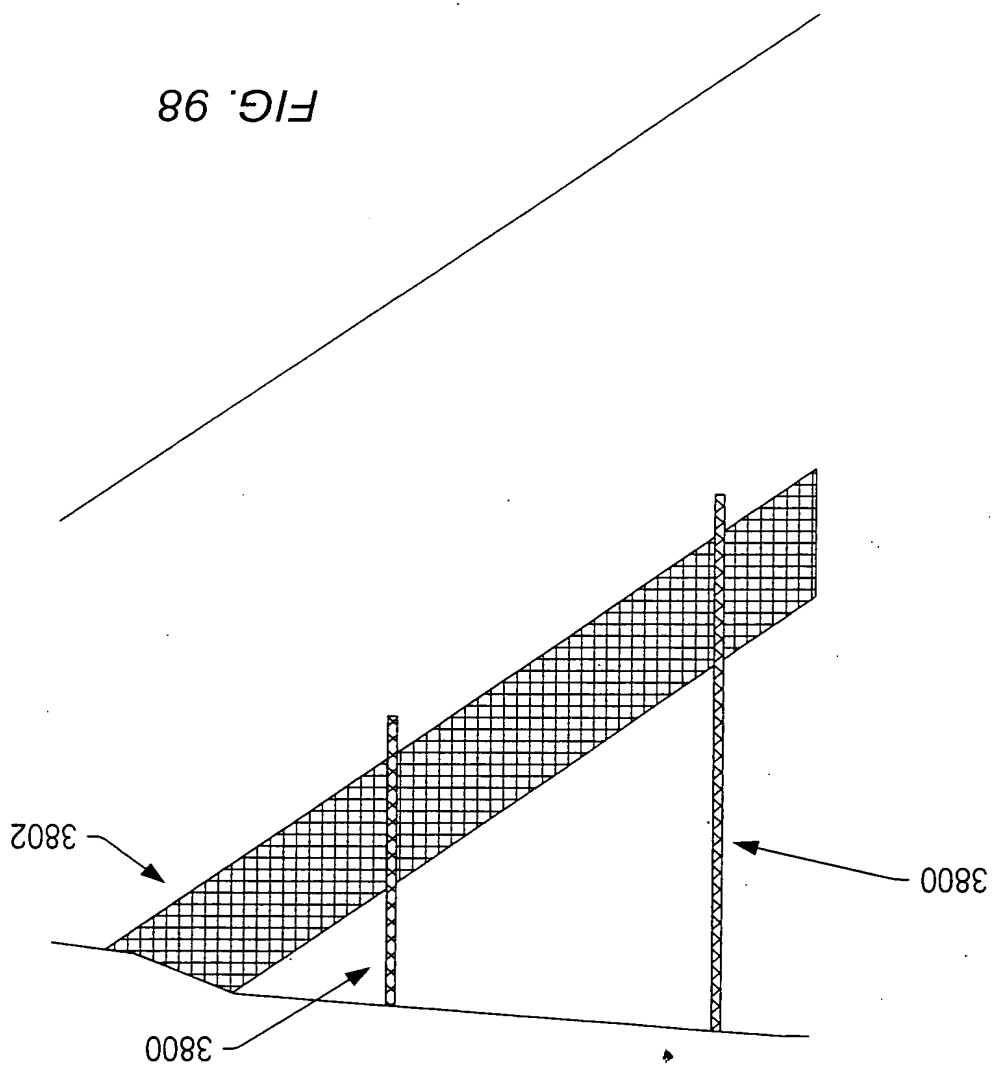


FIG. 96





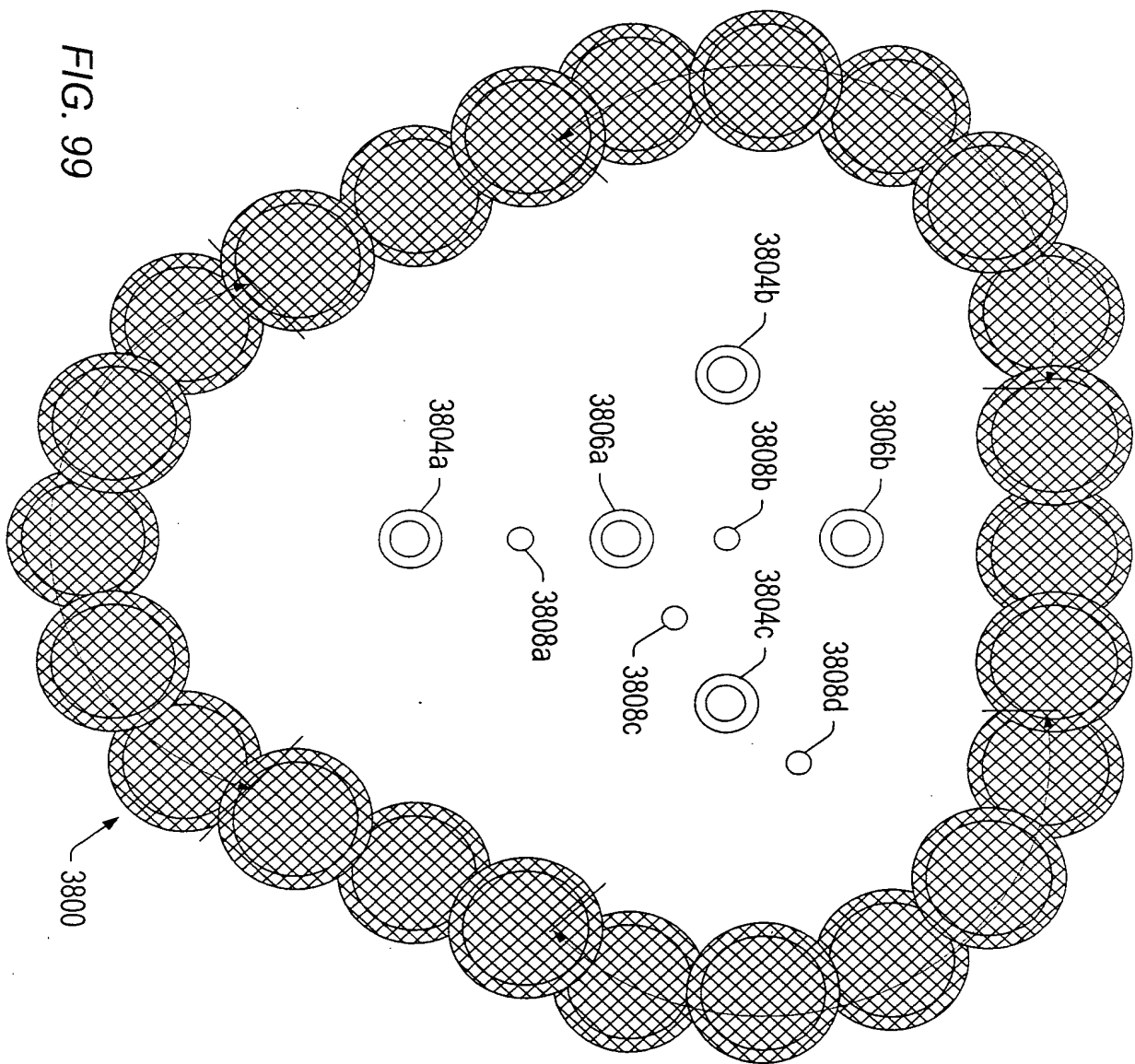


FIG. 99

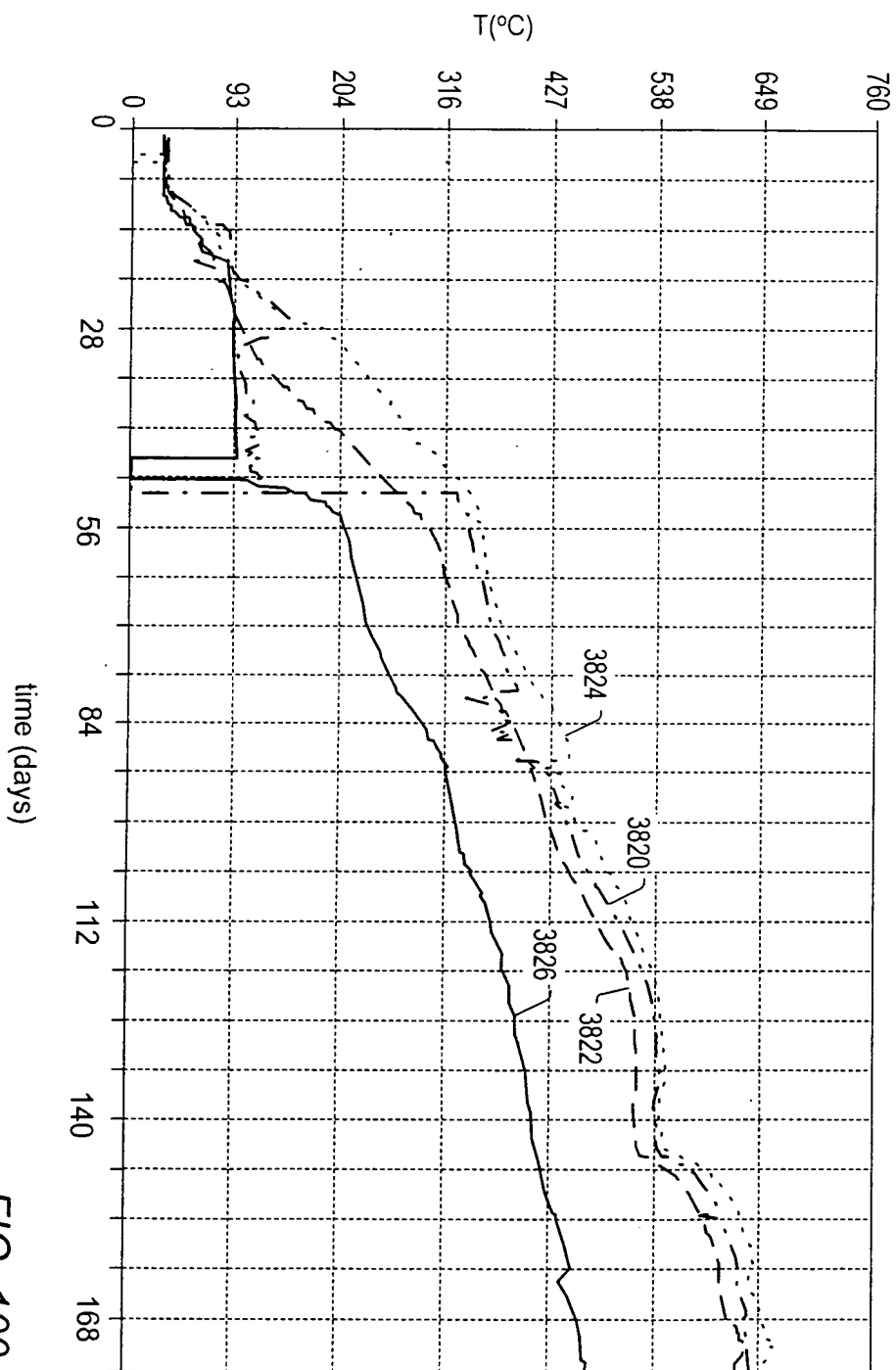


FIG. 100

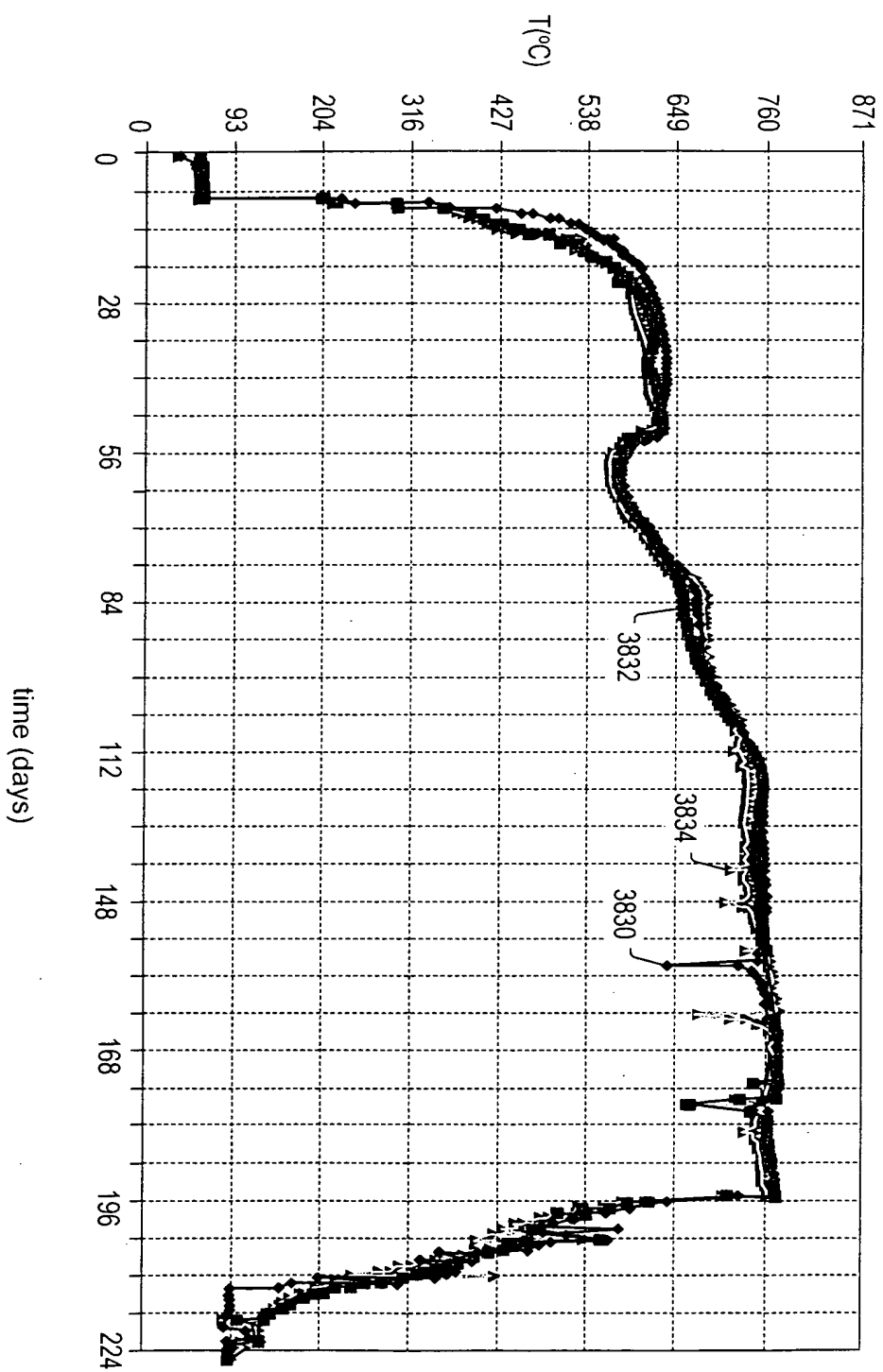
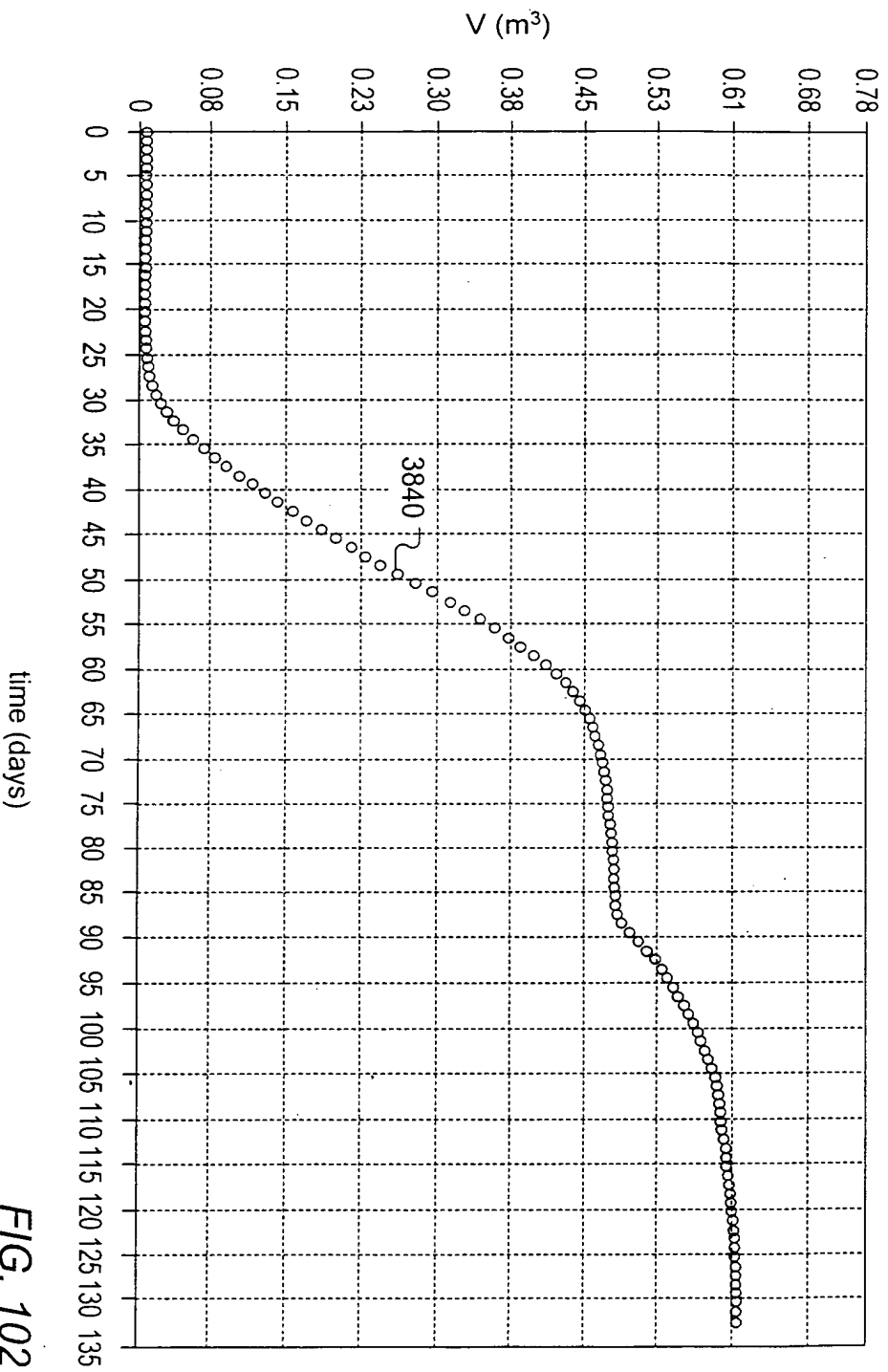


FIG. 101



time (days)

FIG. 102

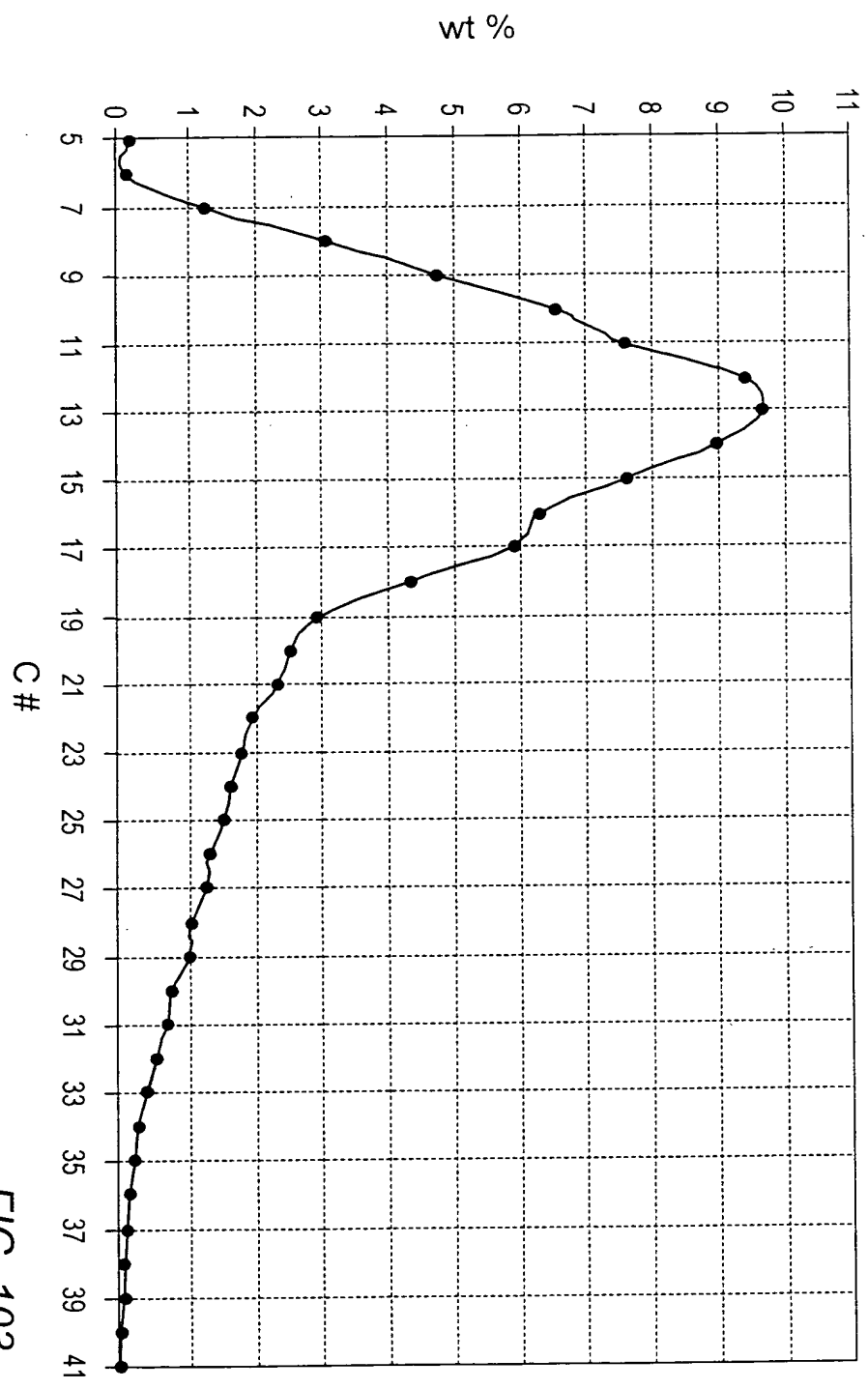


FIG. 103

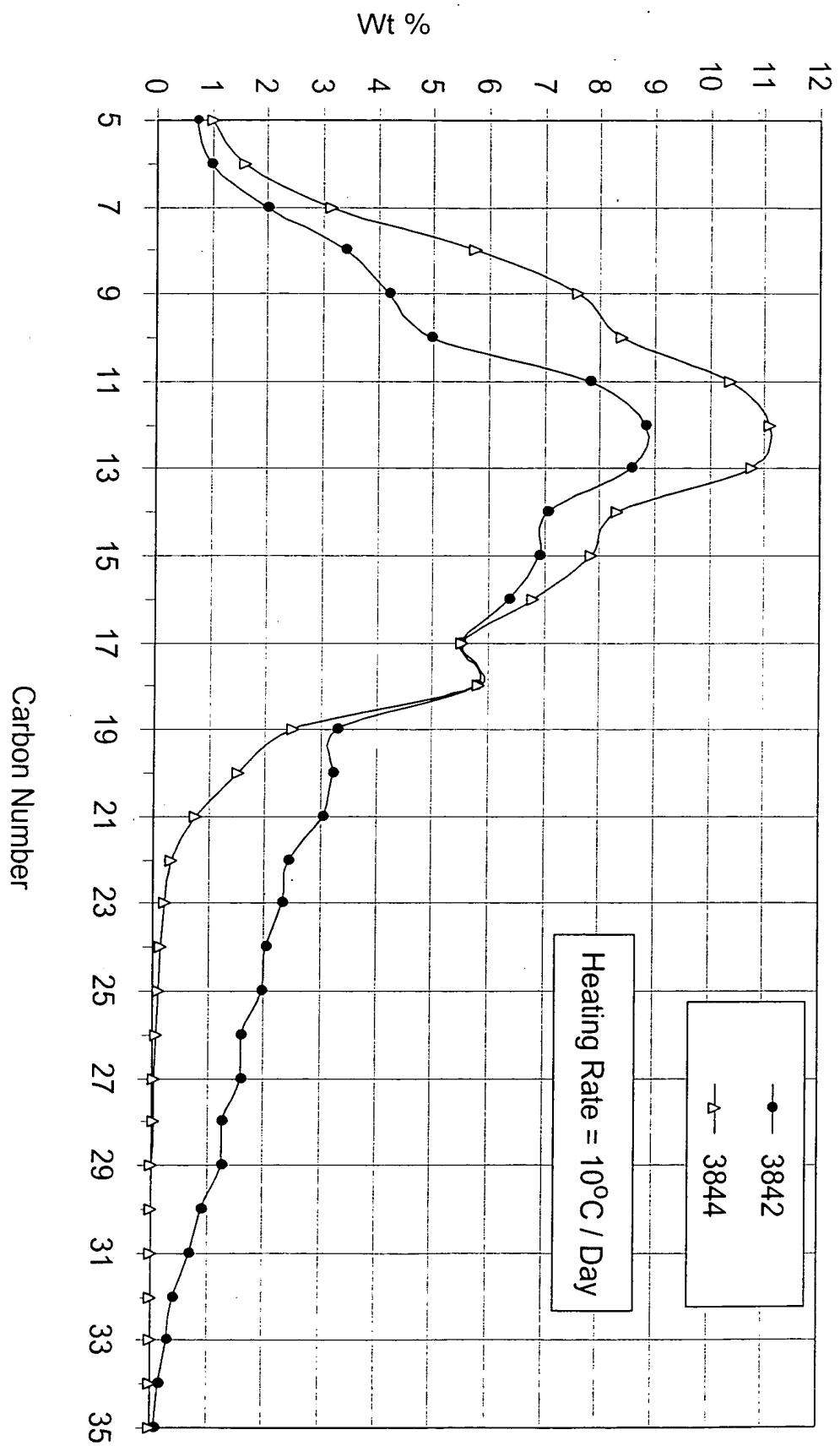


FIG. 104

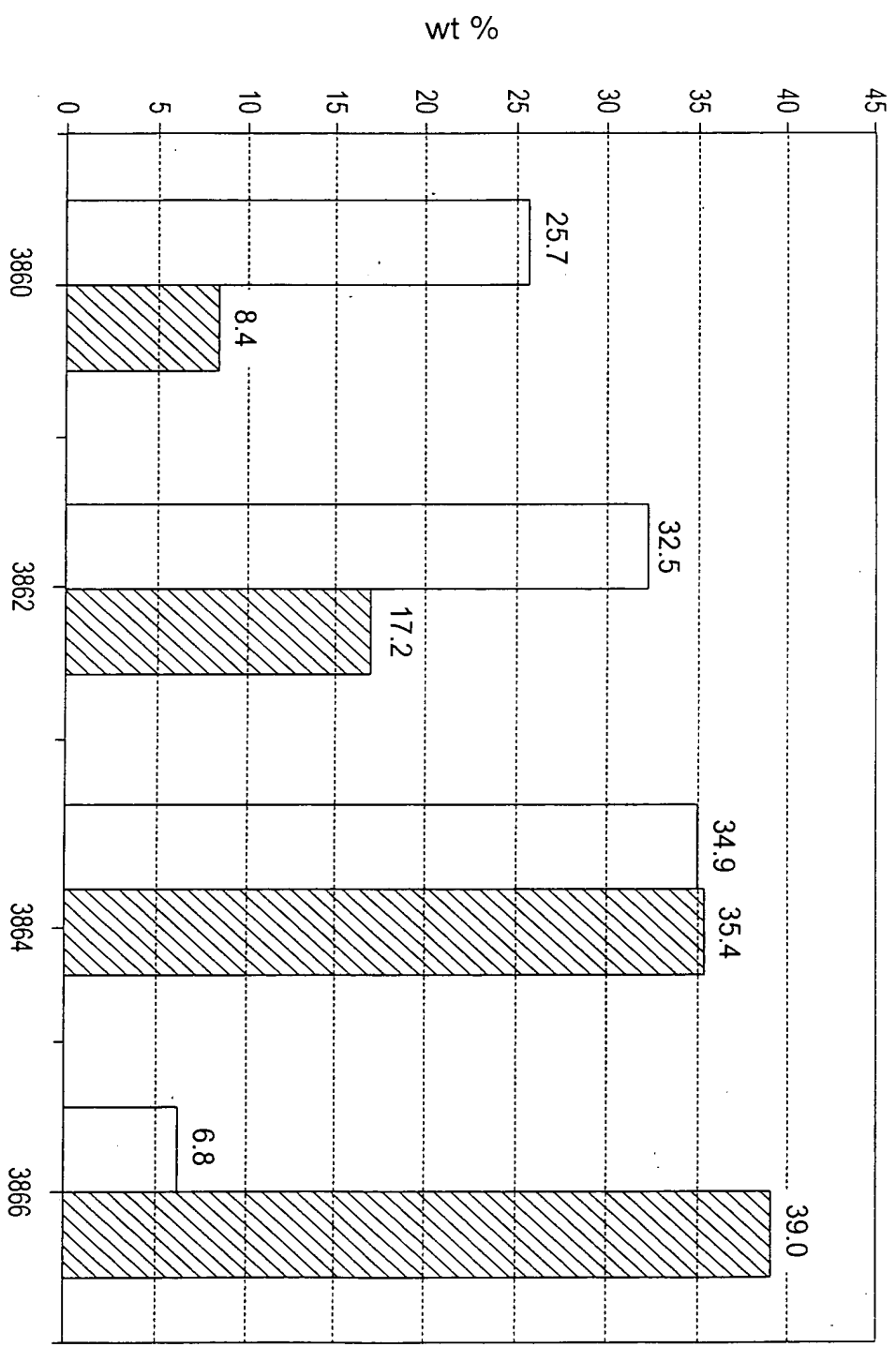


FIG. 105

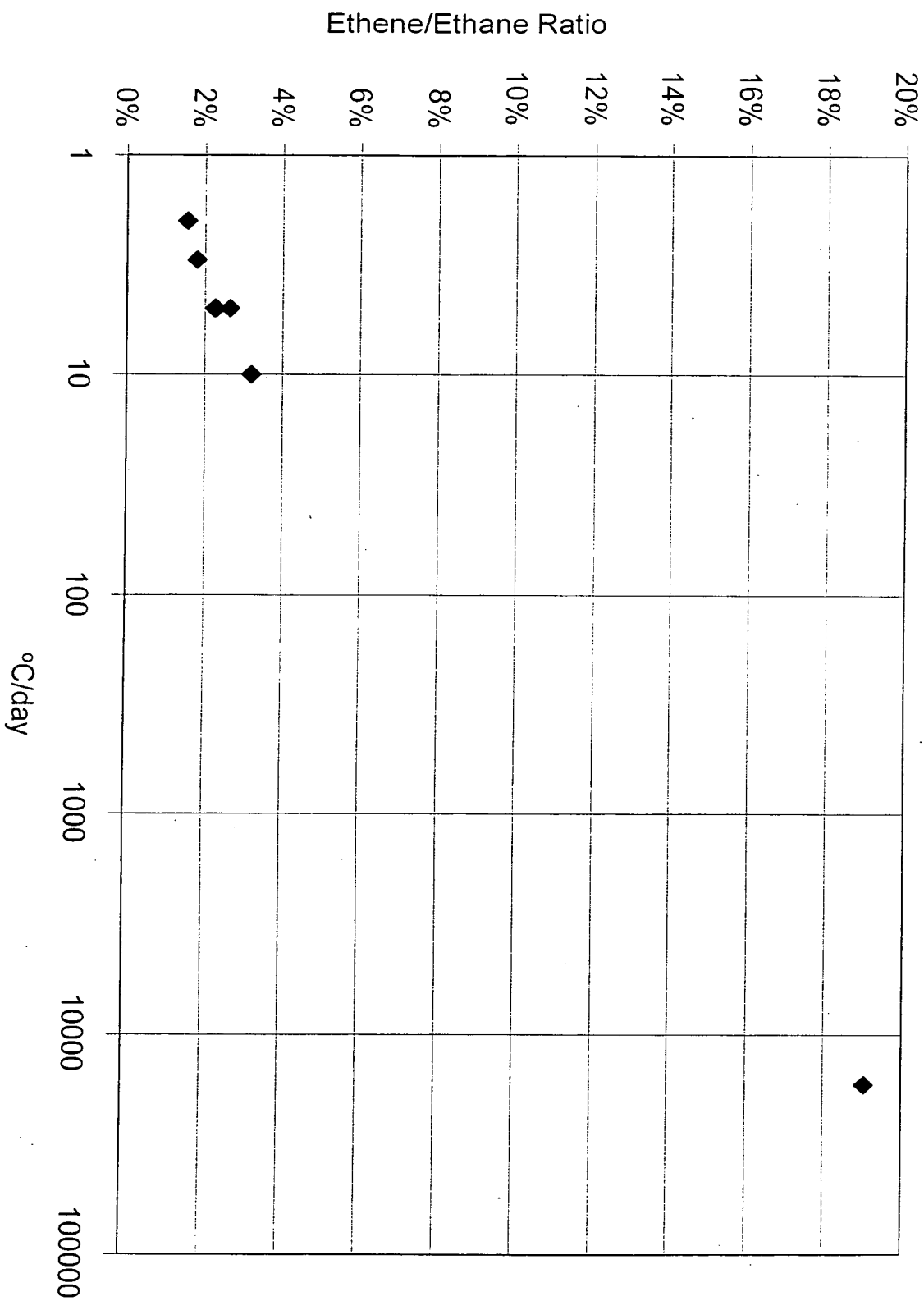


FIG. 106

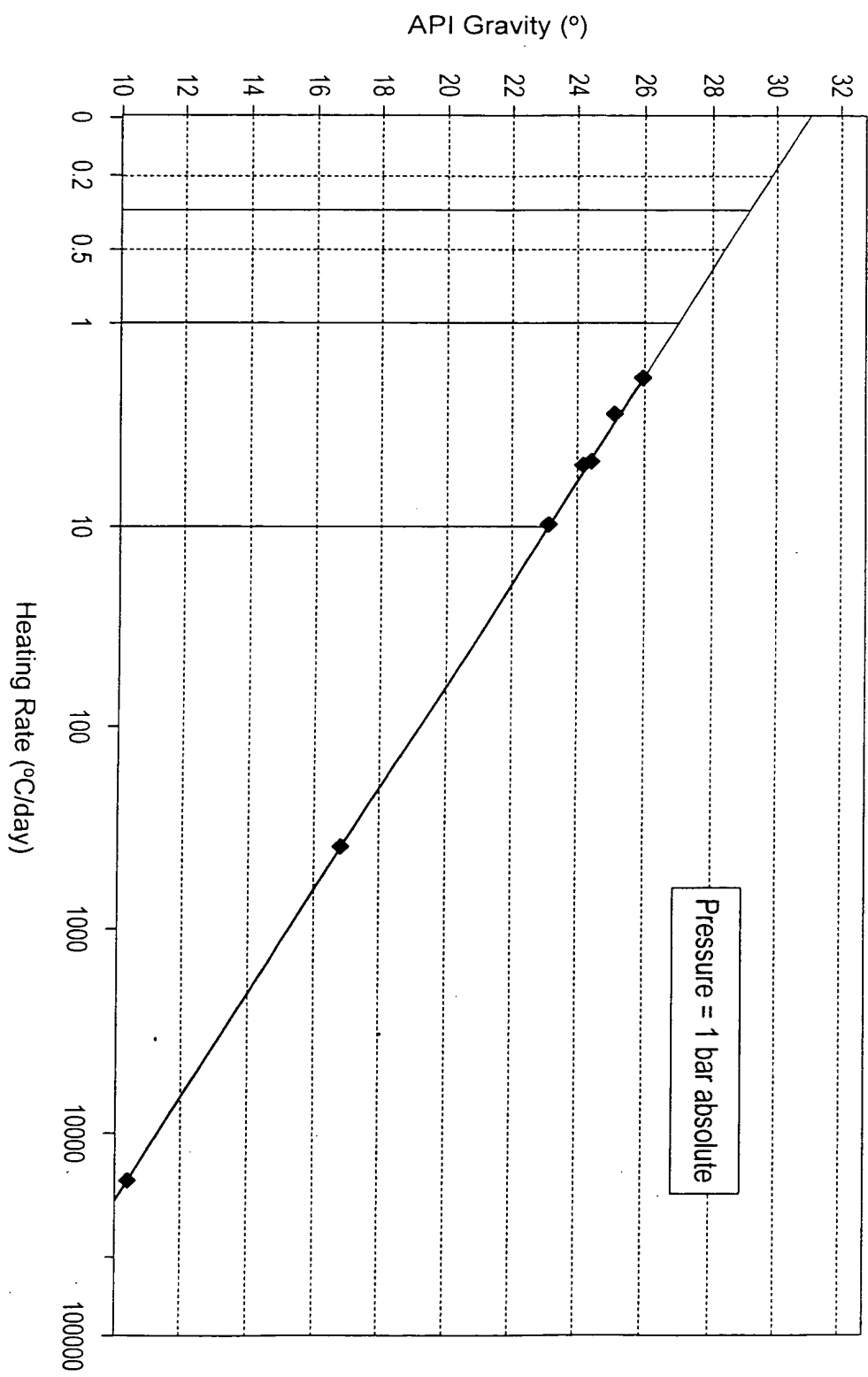


FIG. 107

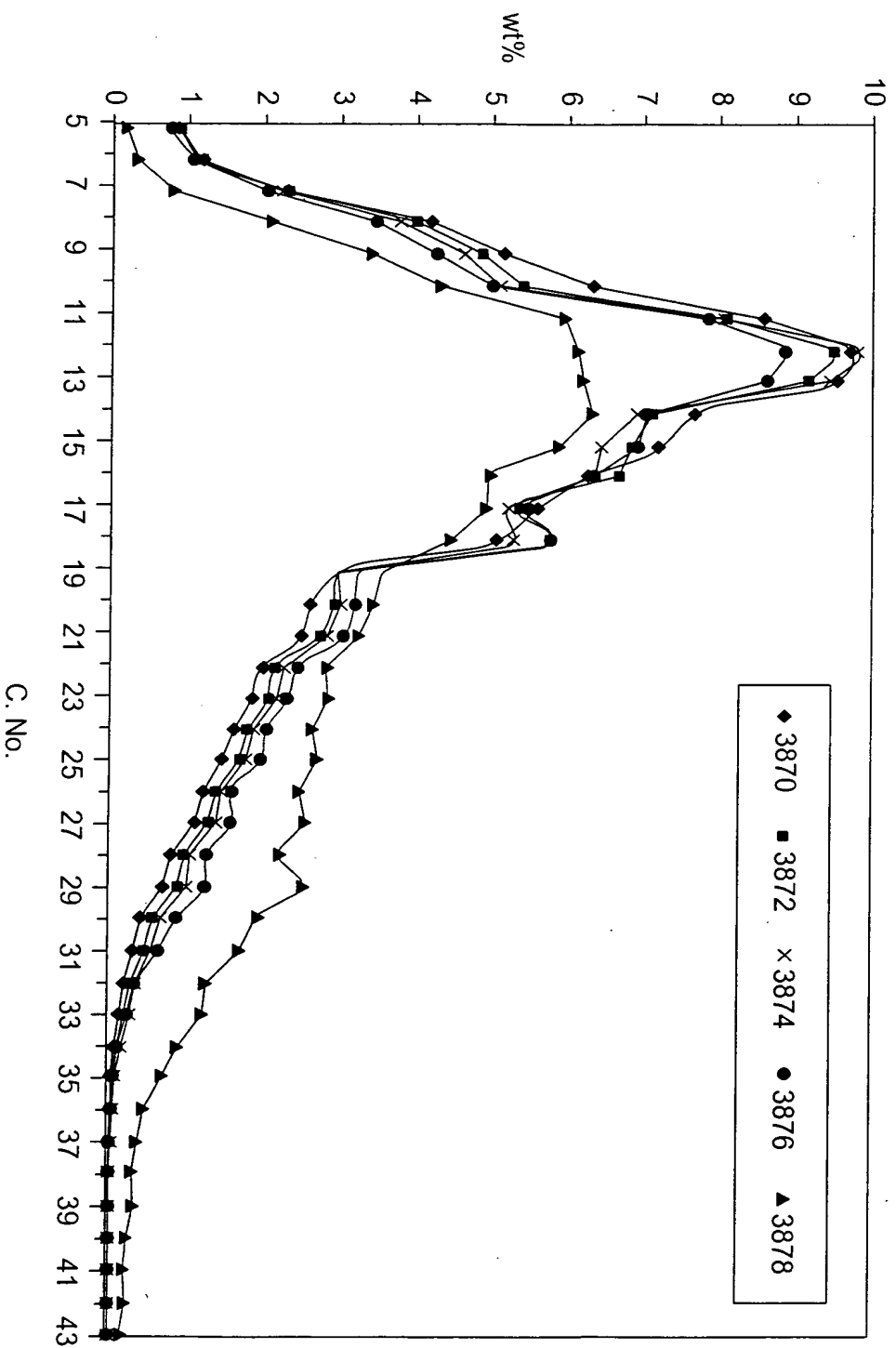


FIG. 108

FIG. 109

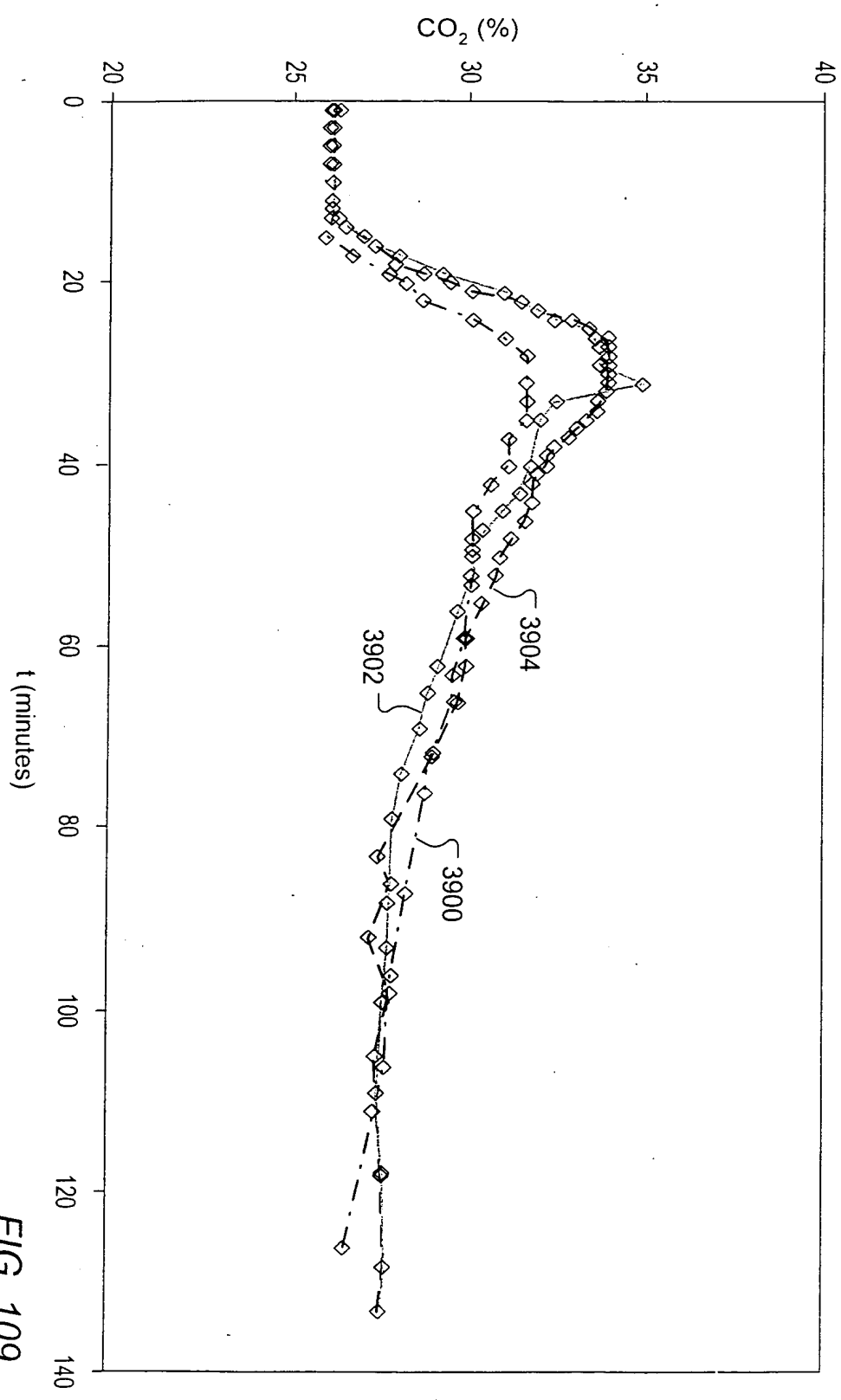


FIG. 109

FIG. 110

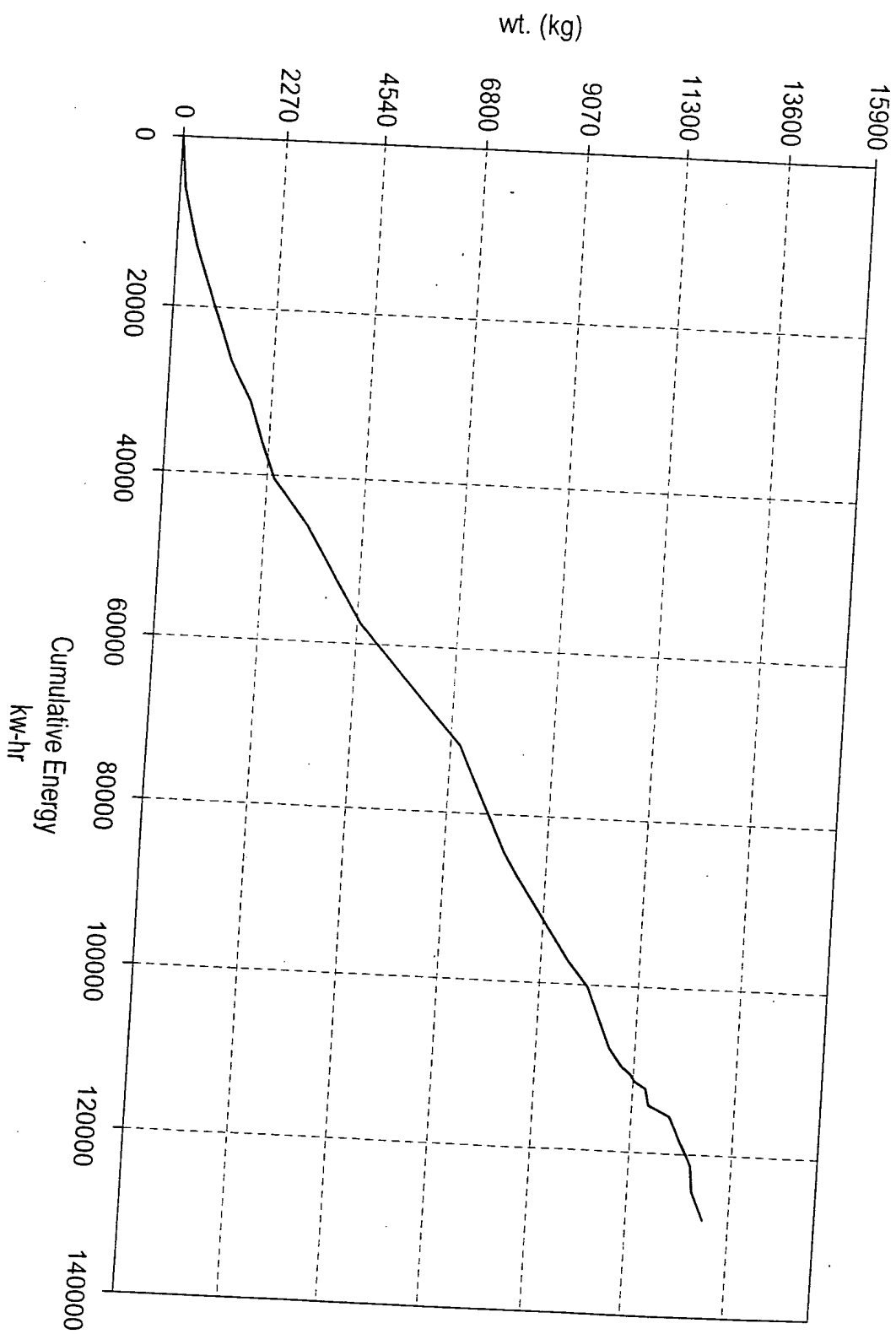


FIG. 110

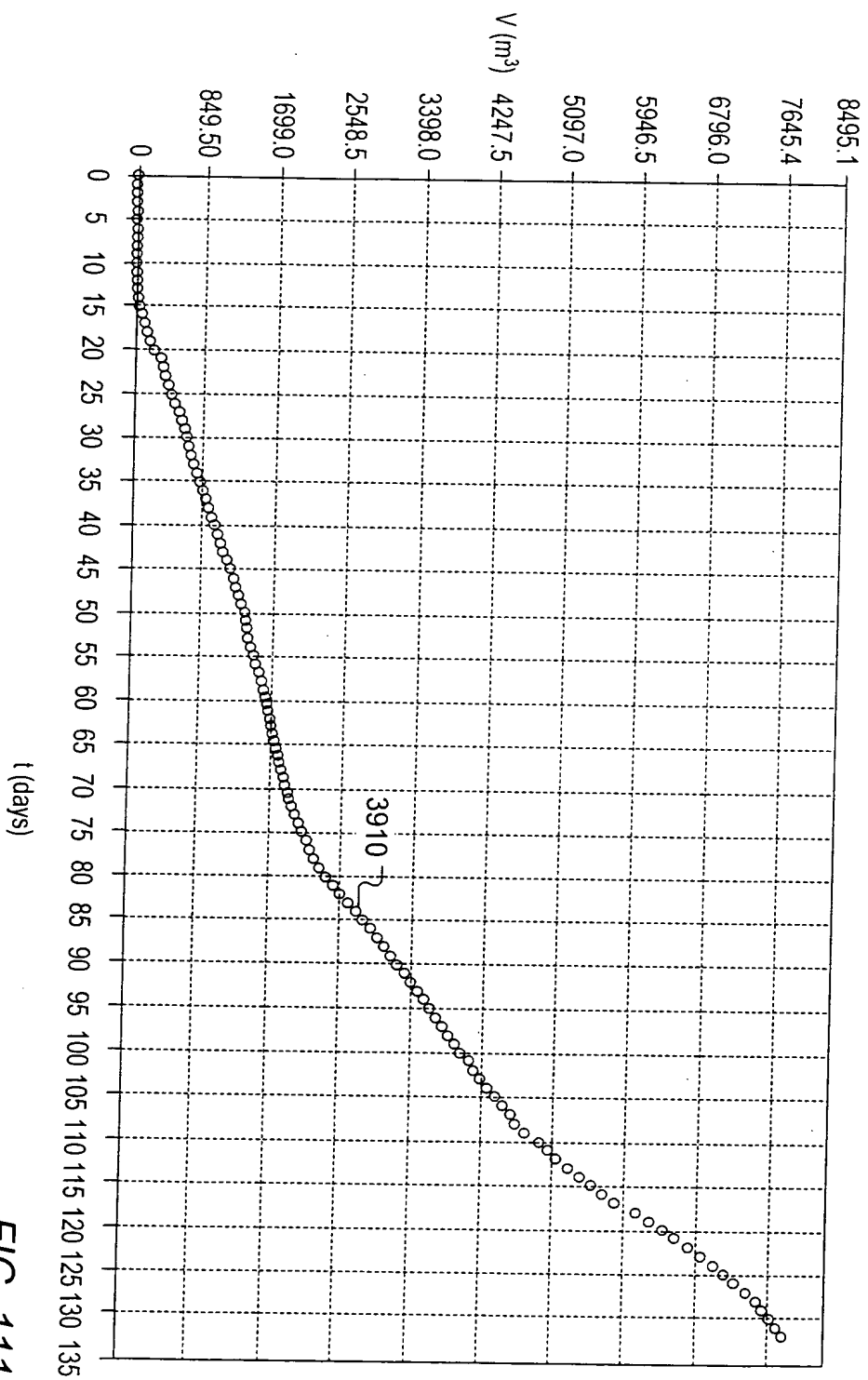


FIG. 111

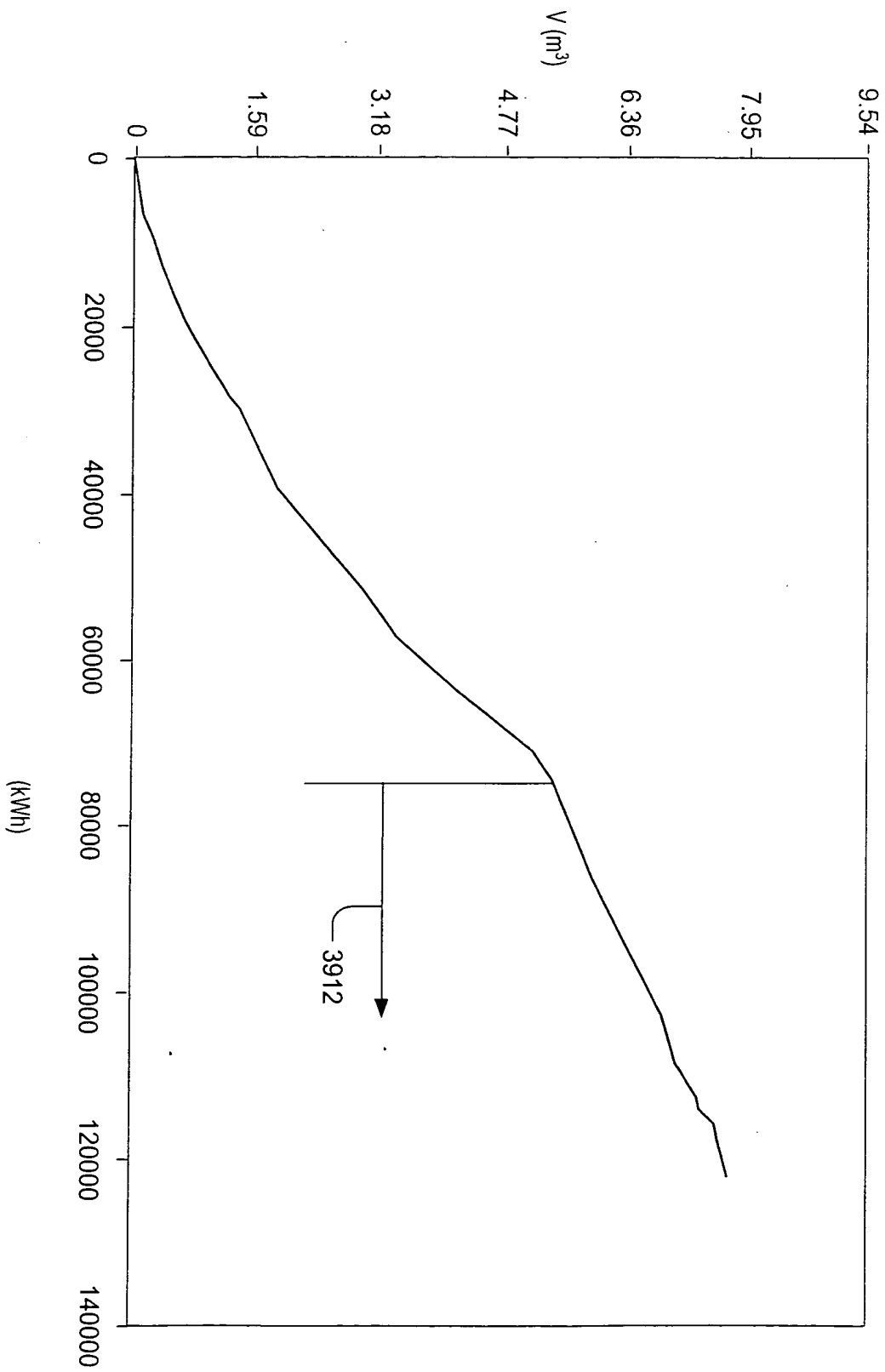


FIG. 112

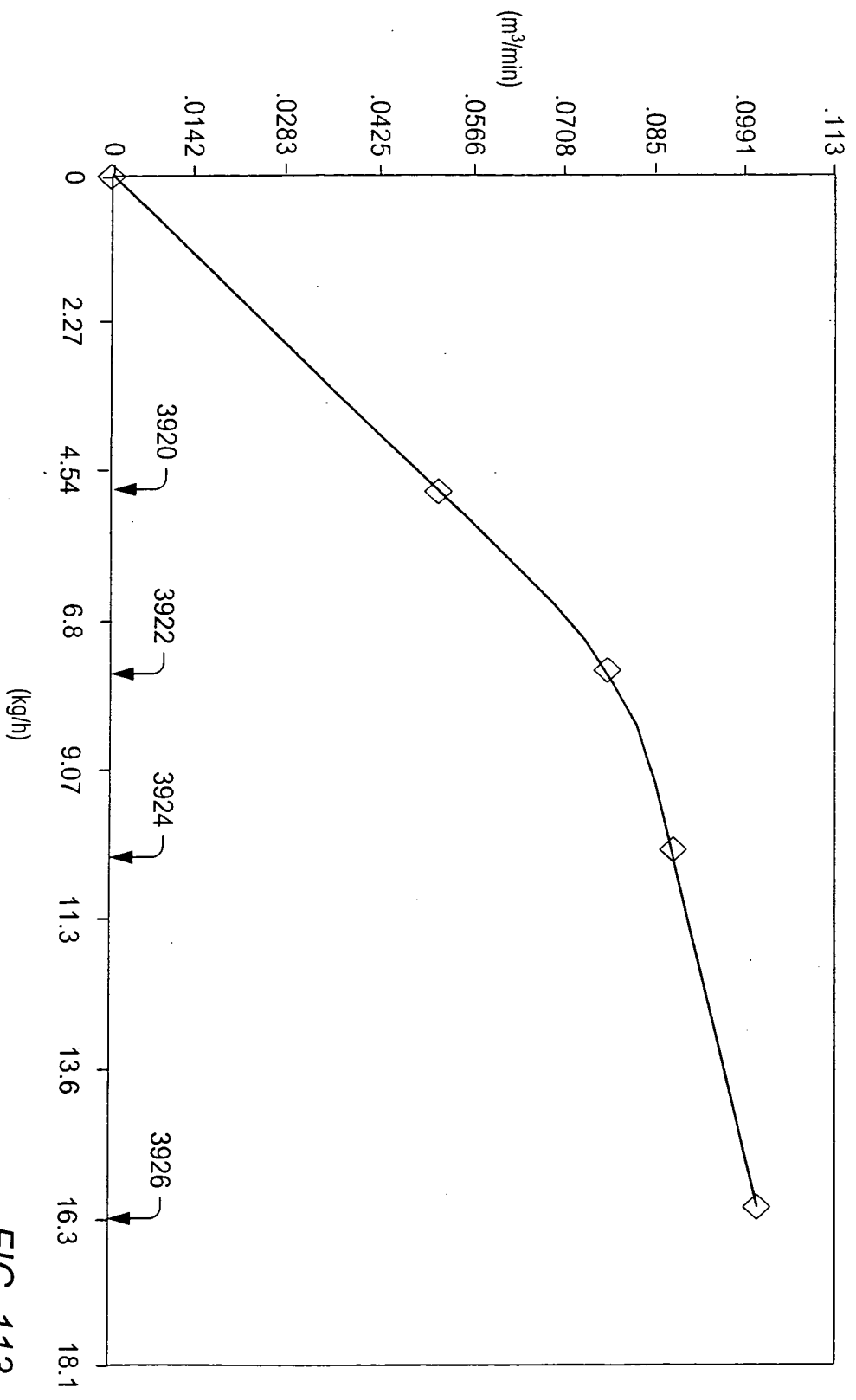


FIG. 113

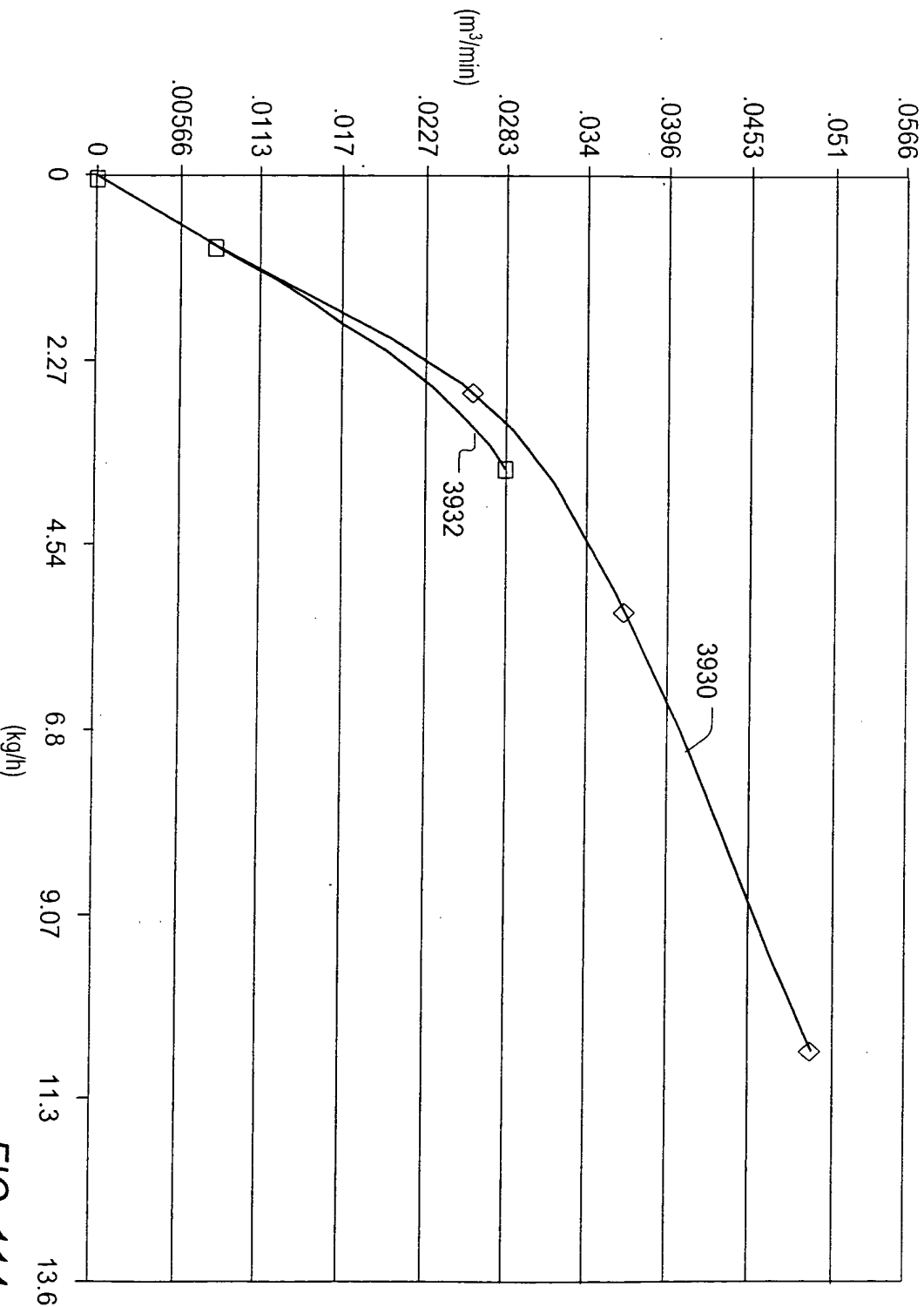


FIG. 114

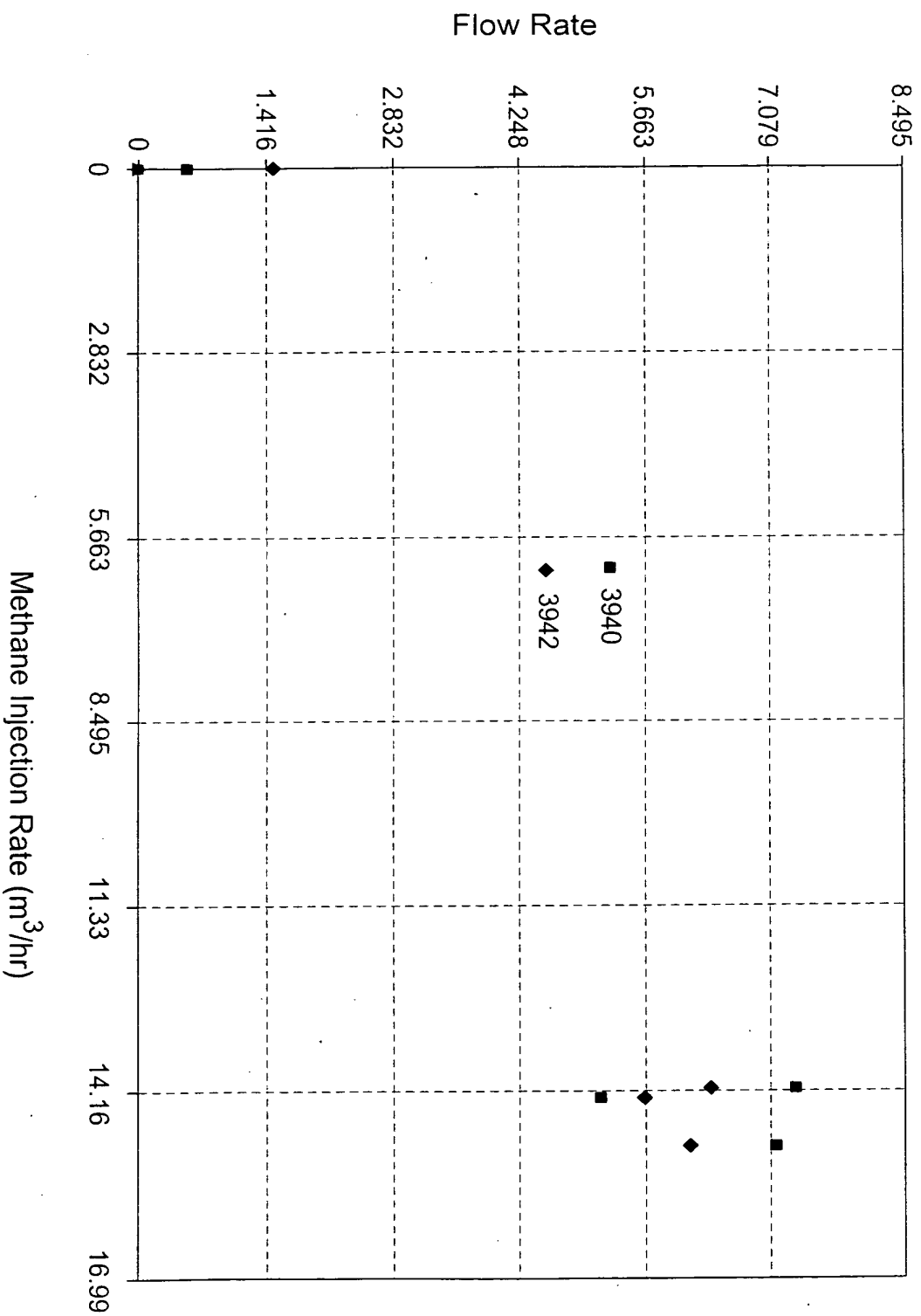


FIG. 115

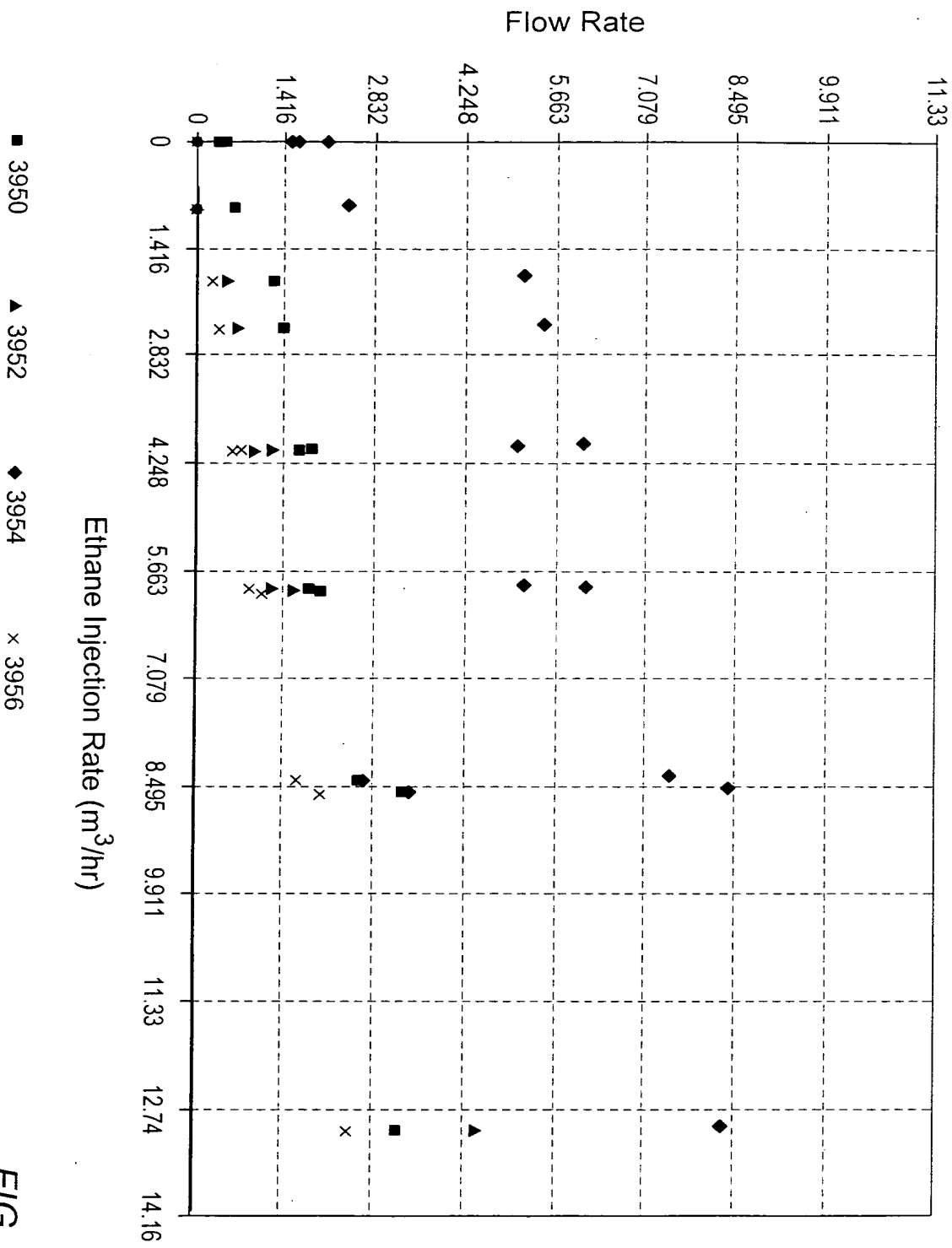


FIG. 116

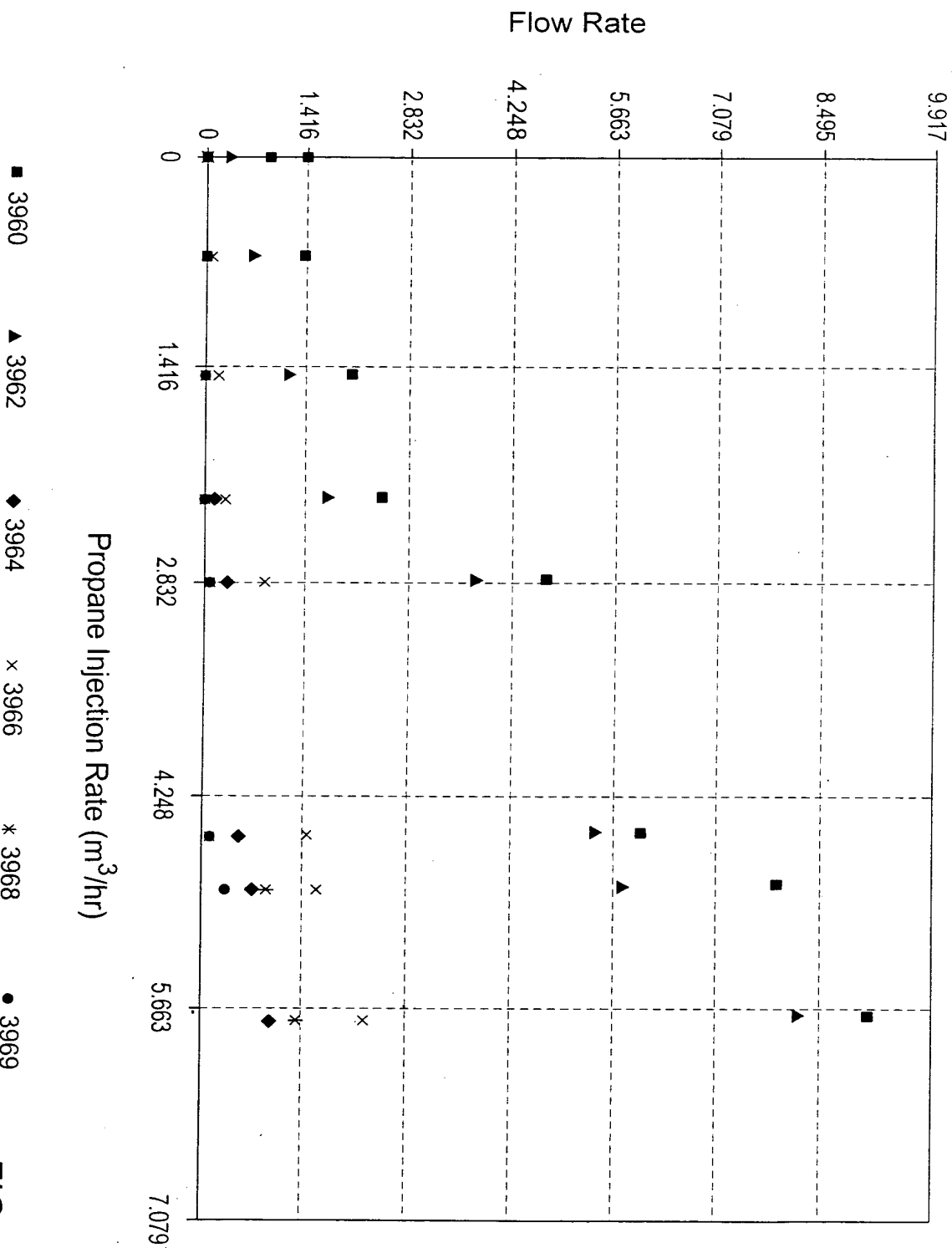


FIG. 117

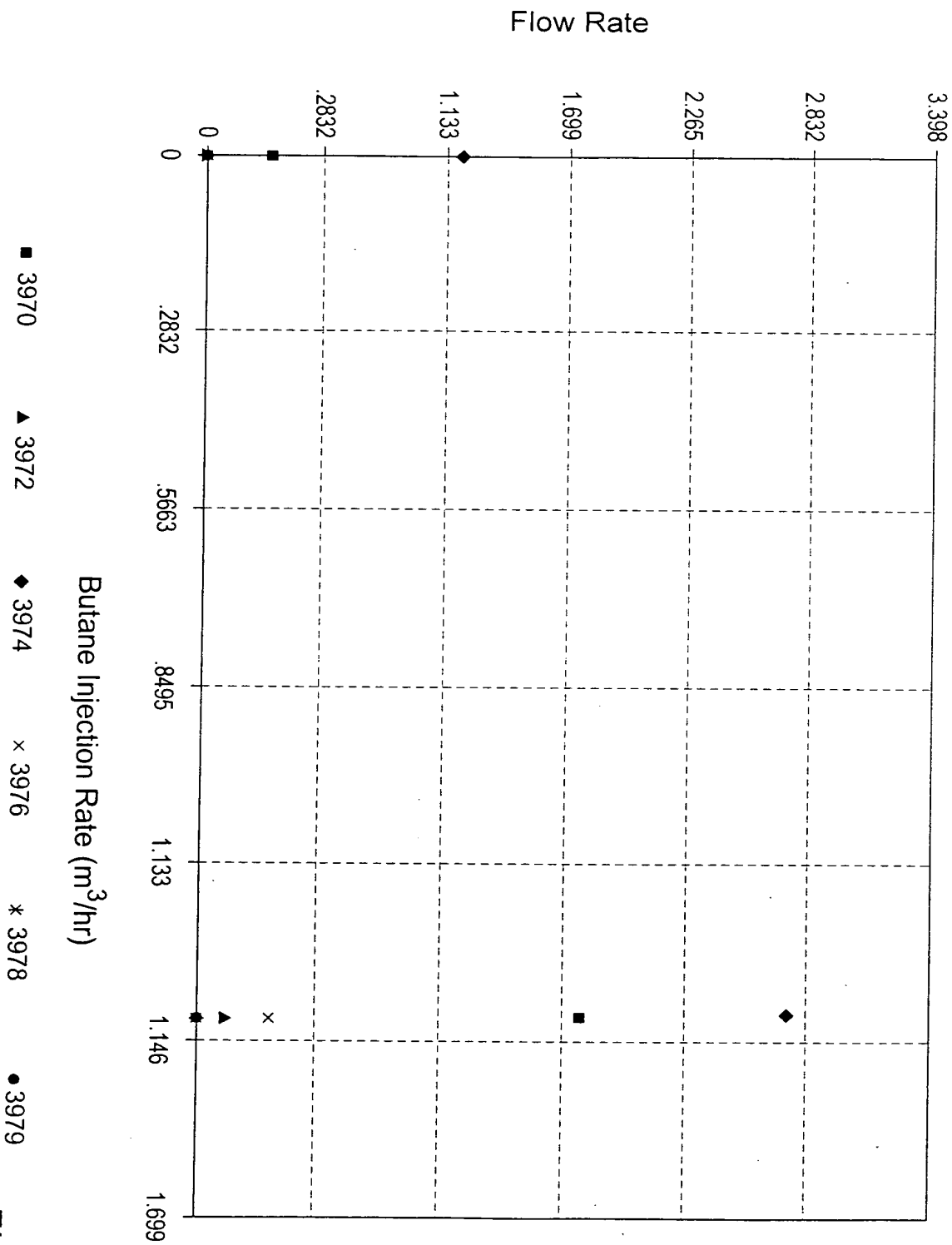


FIG. 118

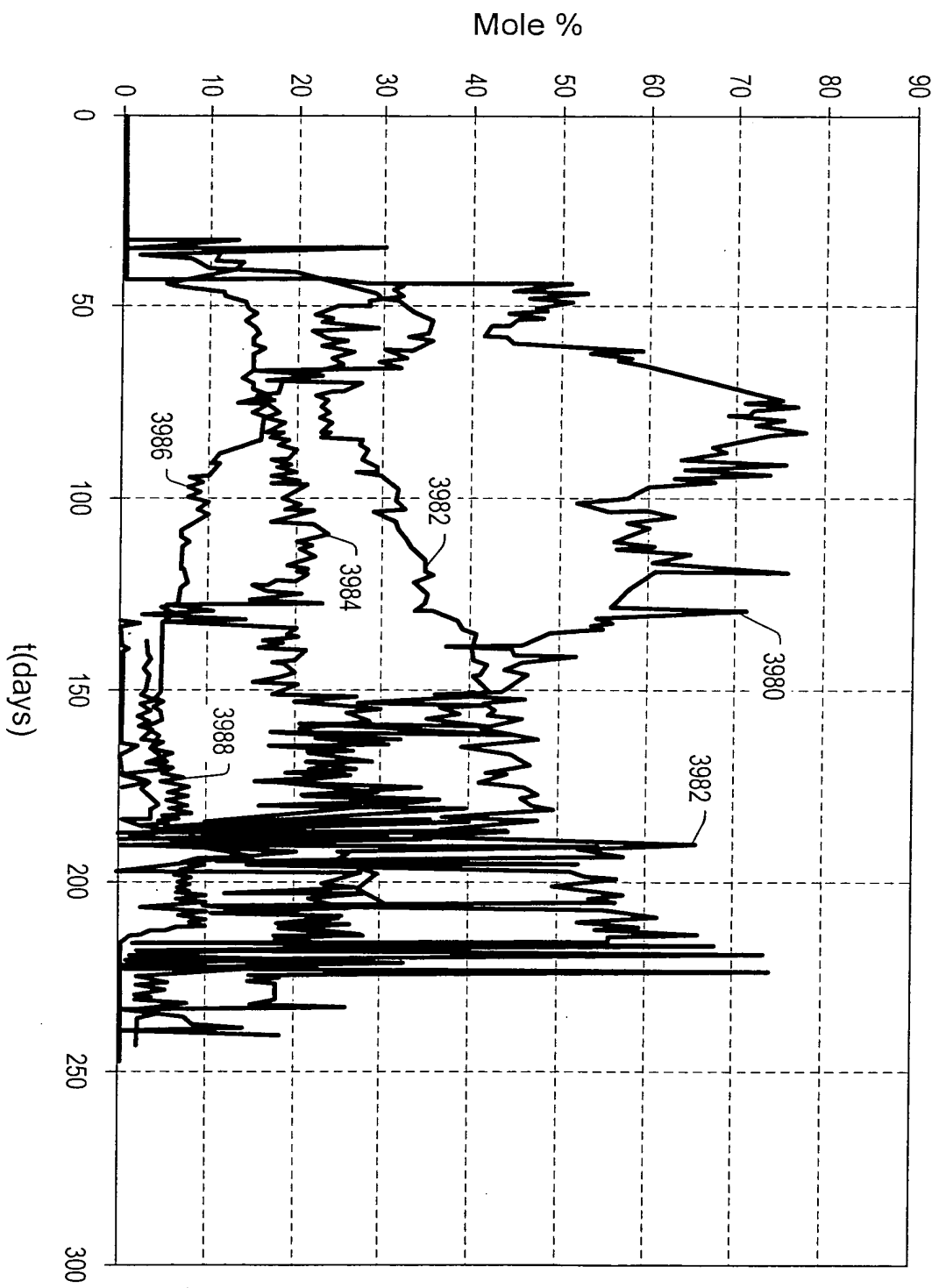


FIG. 119

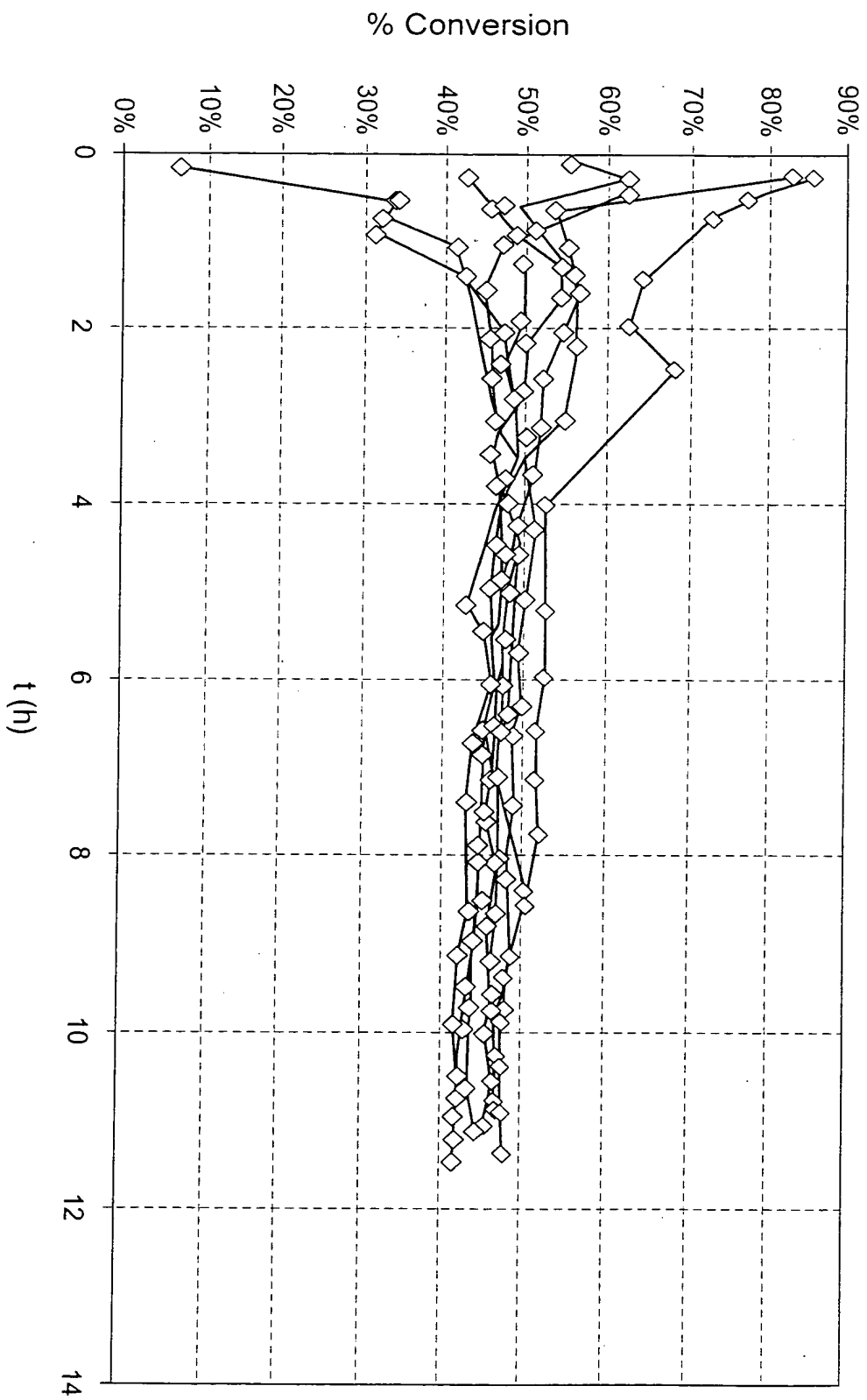


FIG. 120

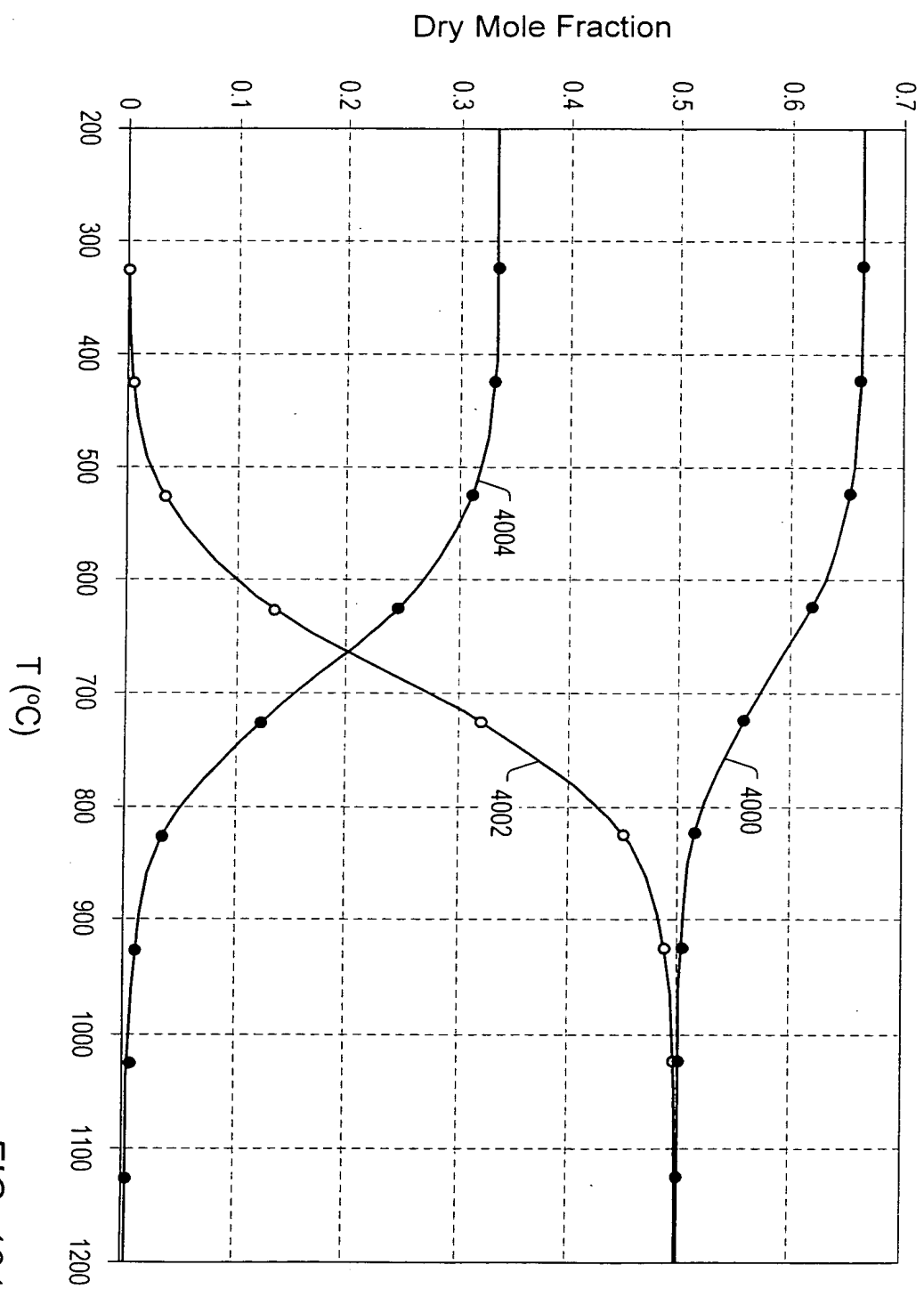


FIG. 121

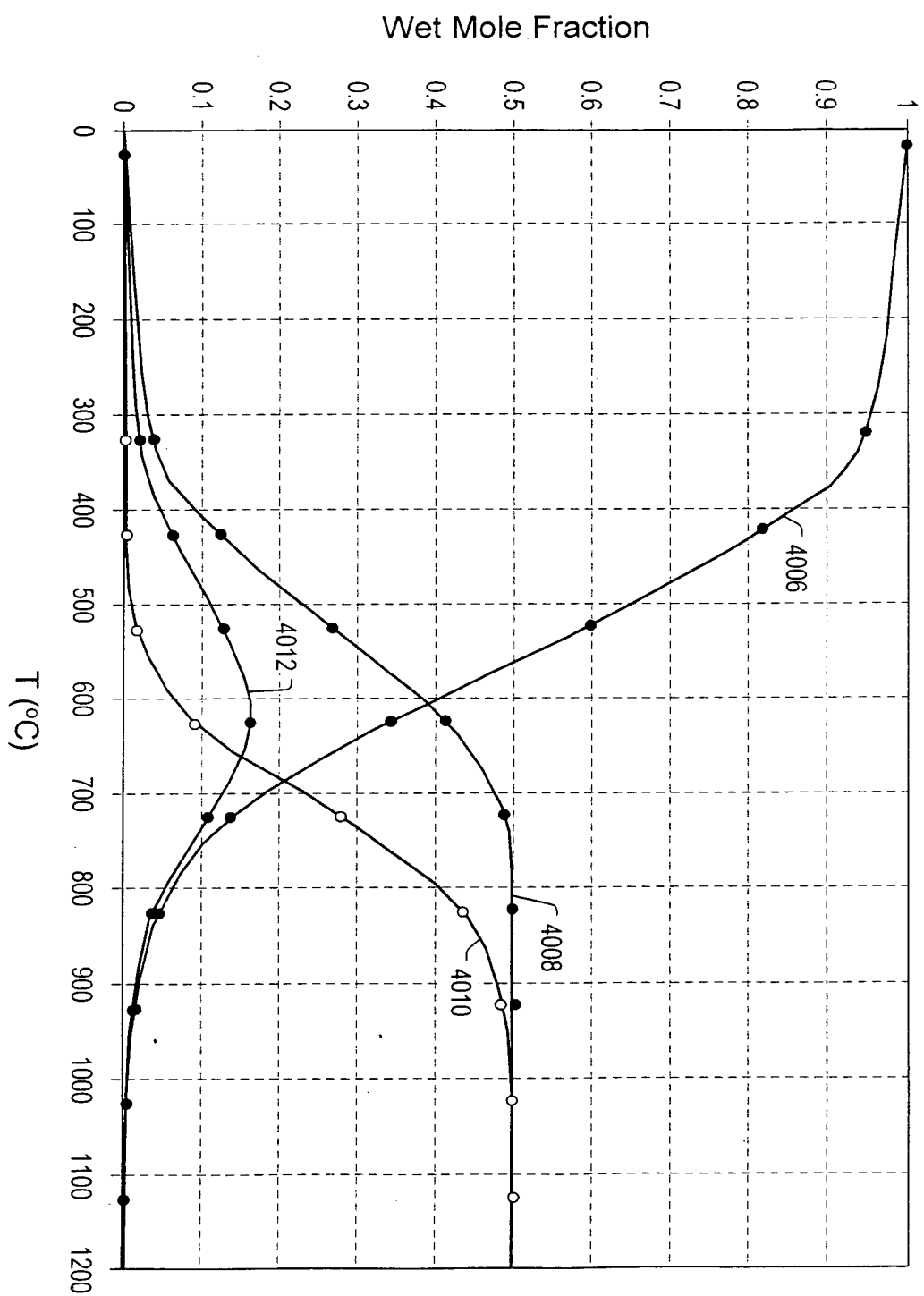


FIG. 122

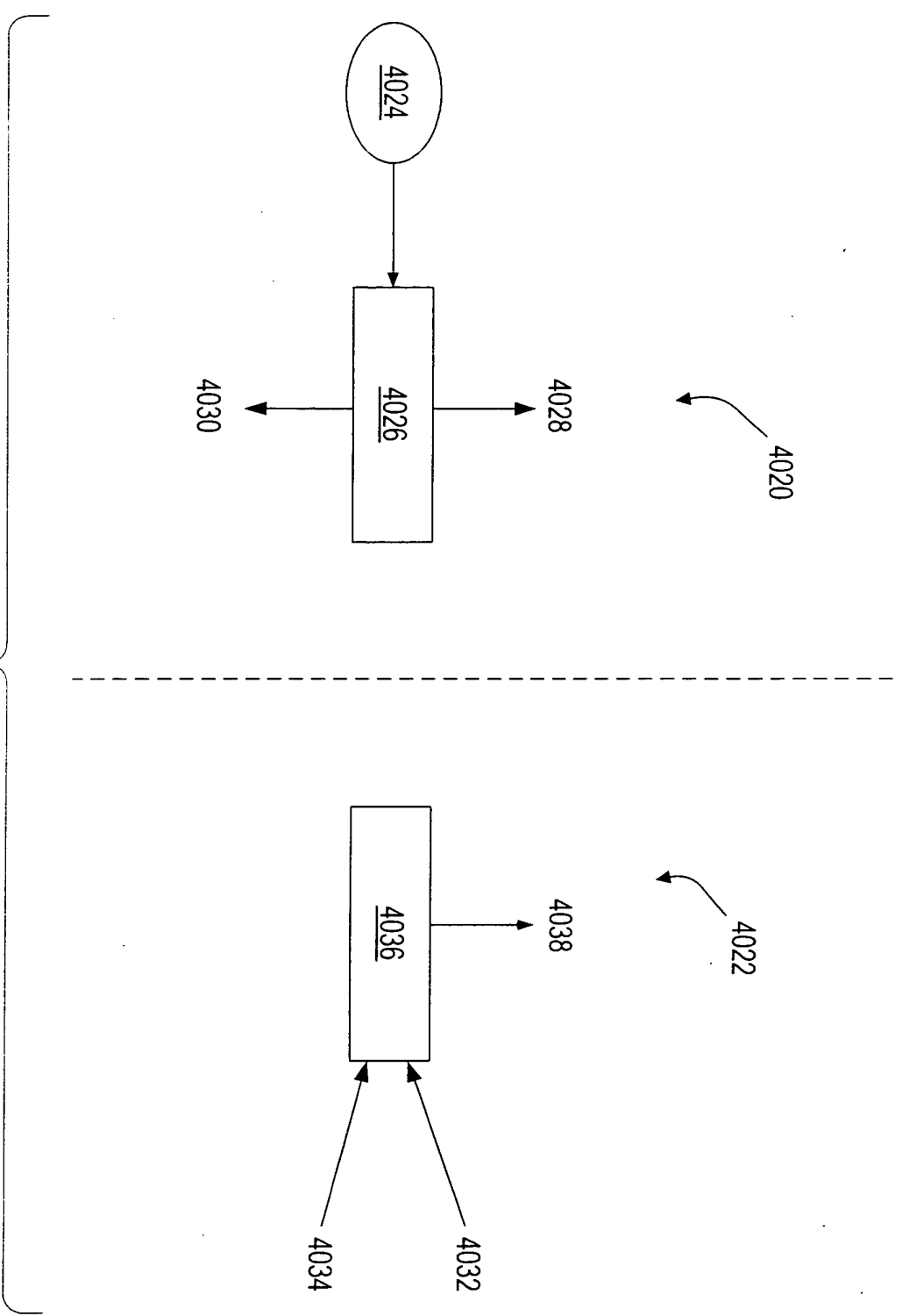


FIG. 124

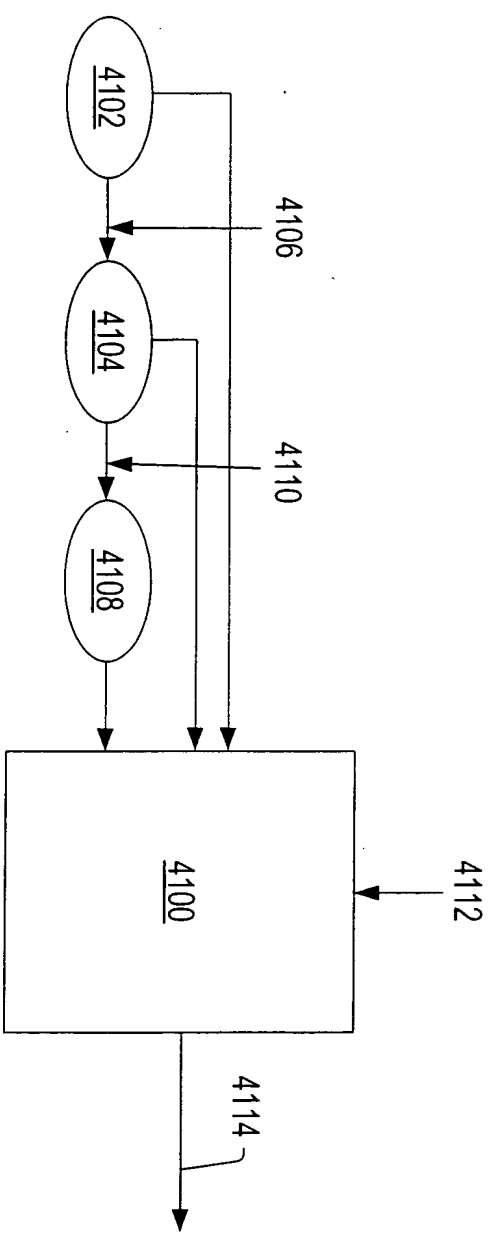


FIG. 124

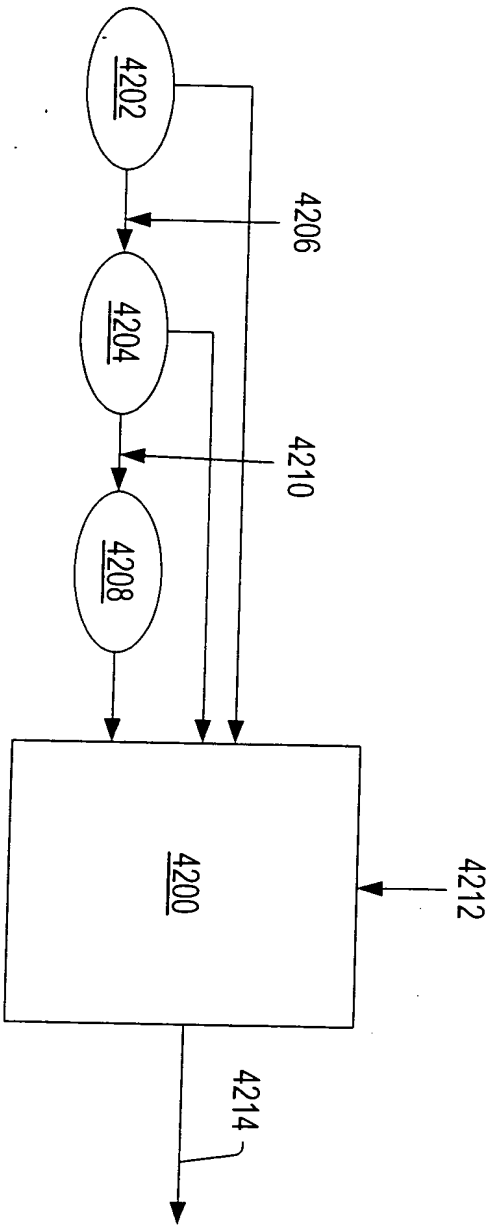


FIG. 125

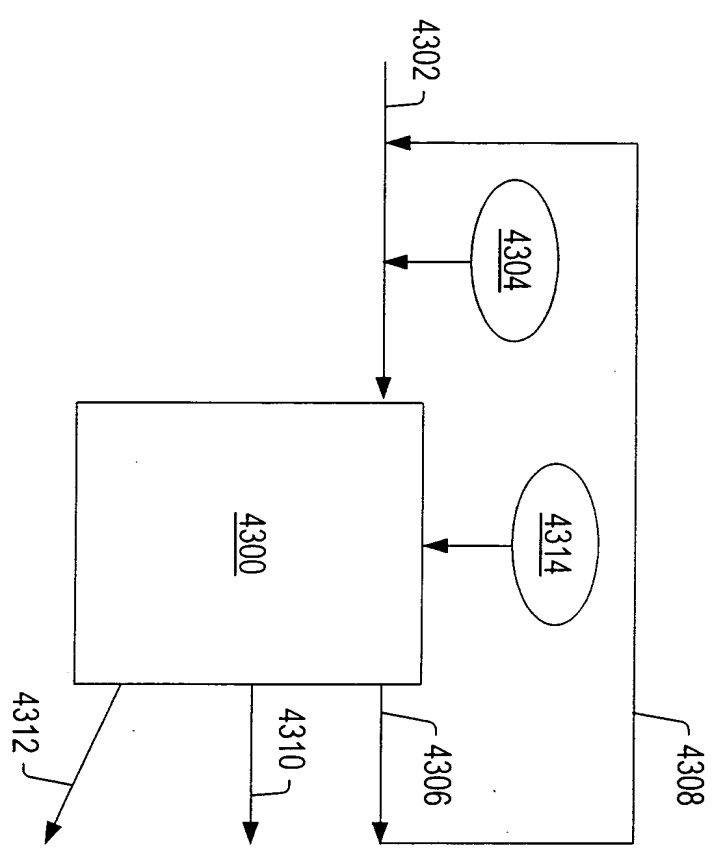


FIG. 126

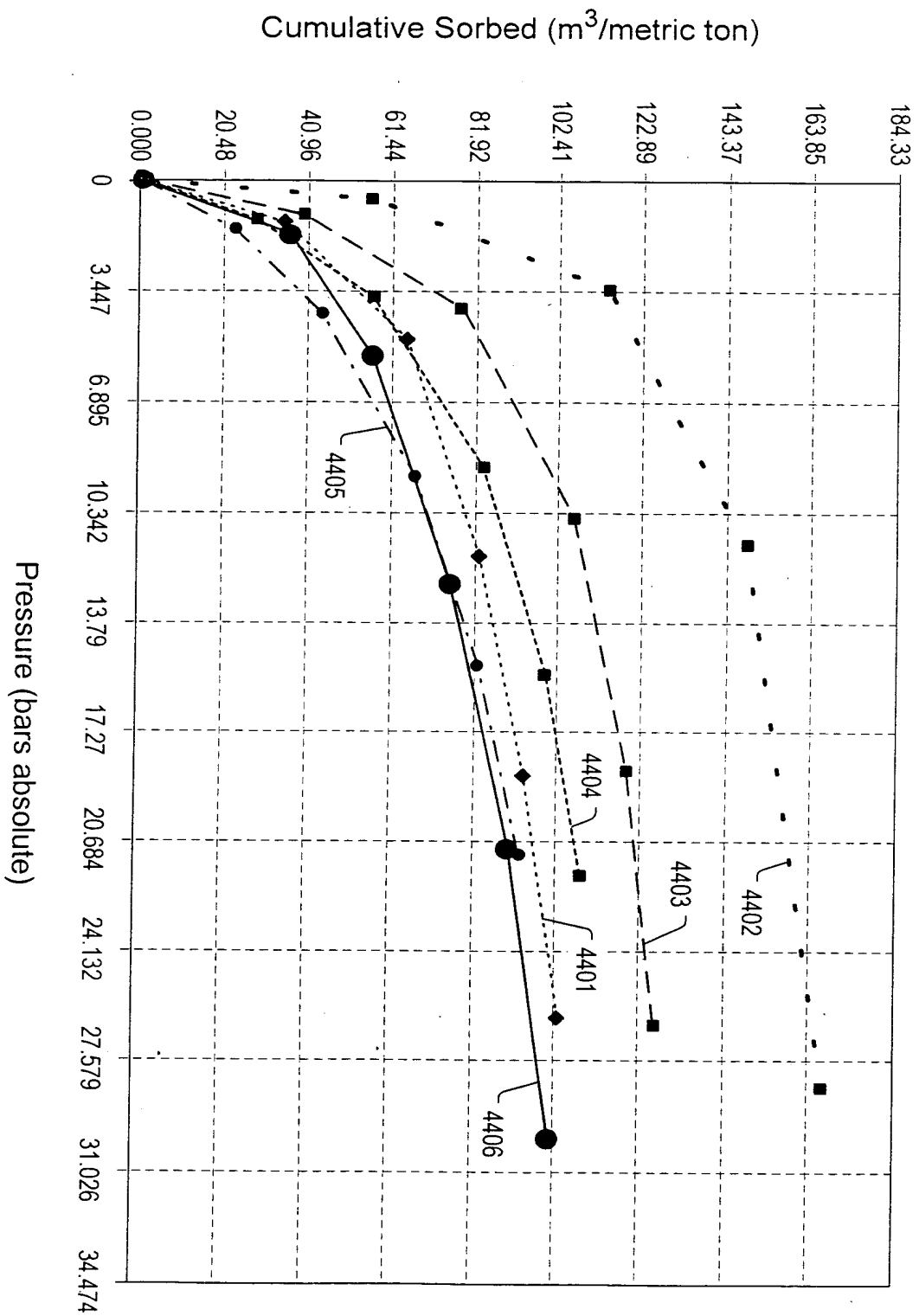


FIG. 127

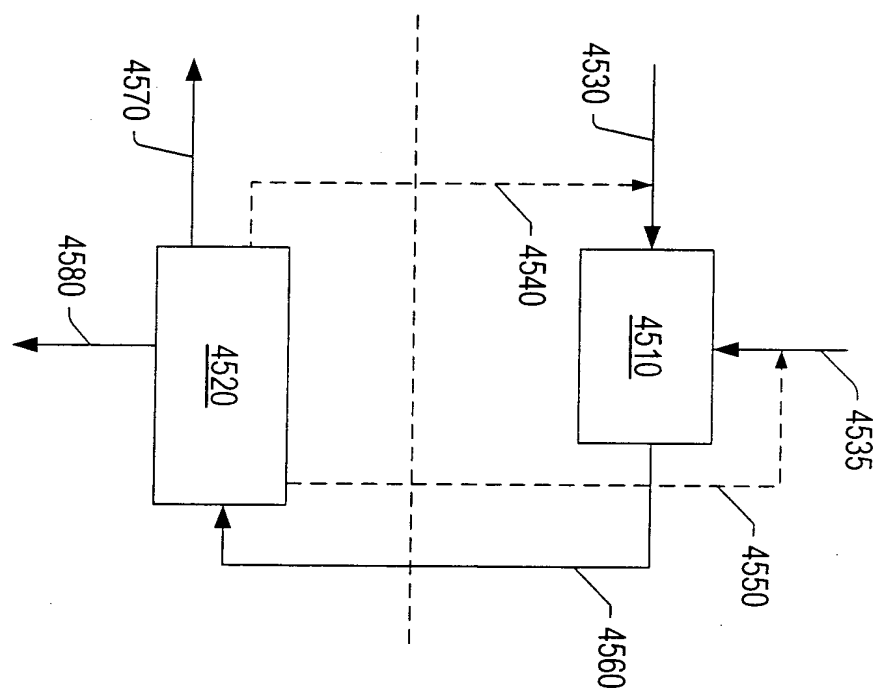


FIG. 128

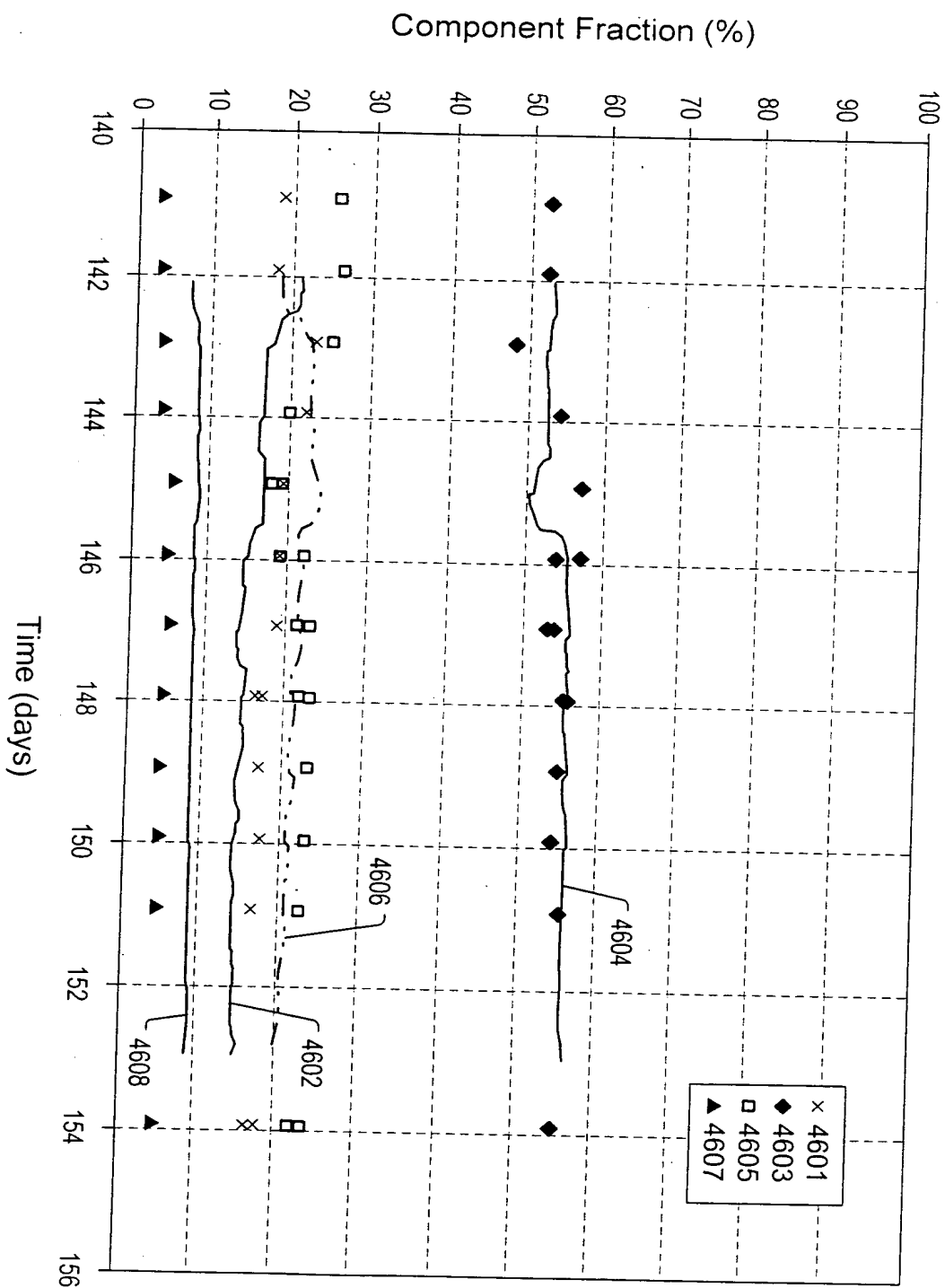


FIG. 129

The graph displays a pressure profile with the following approximate data points:

Depth (meters)	Pressure (bars absolute)
0	172.37
100	137.90
200	103.42
300	68.95
400	34.47
3800	34.47

time(days)

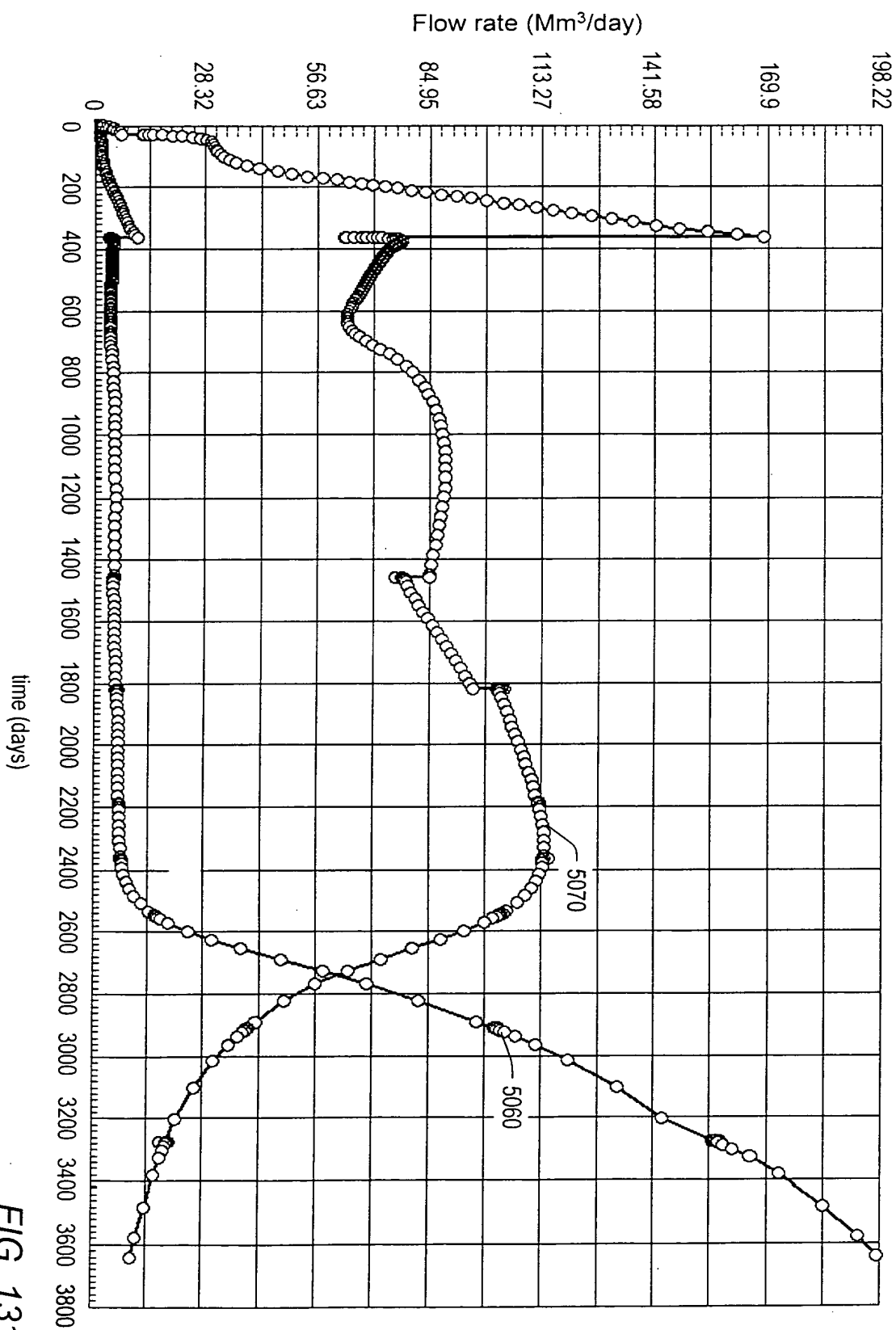


FIG. 131

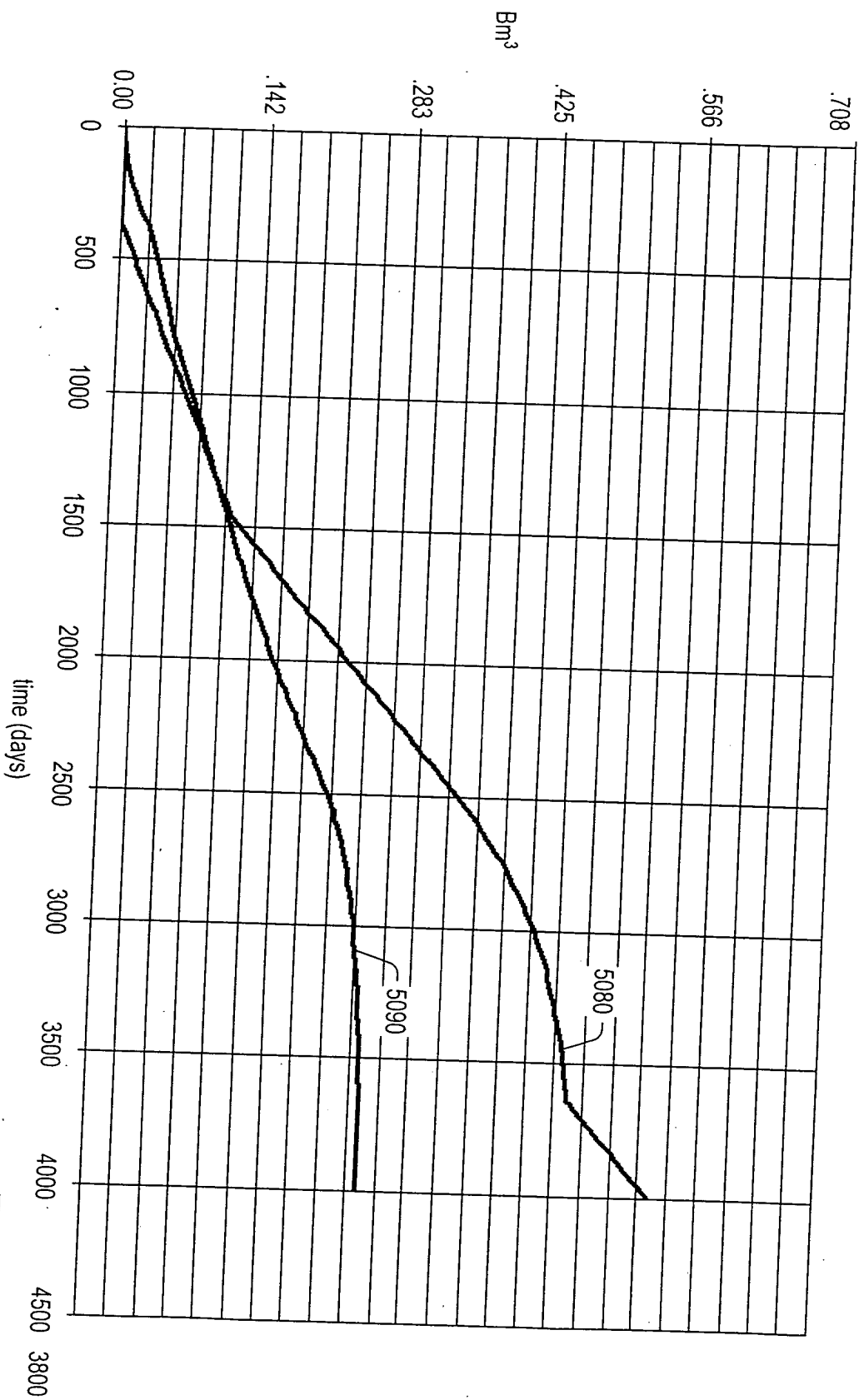


FIG. 132

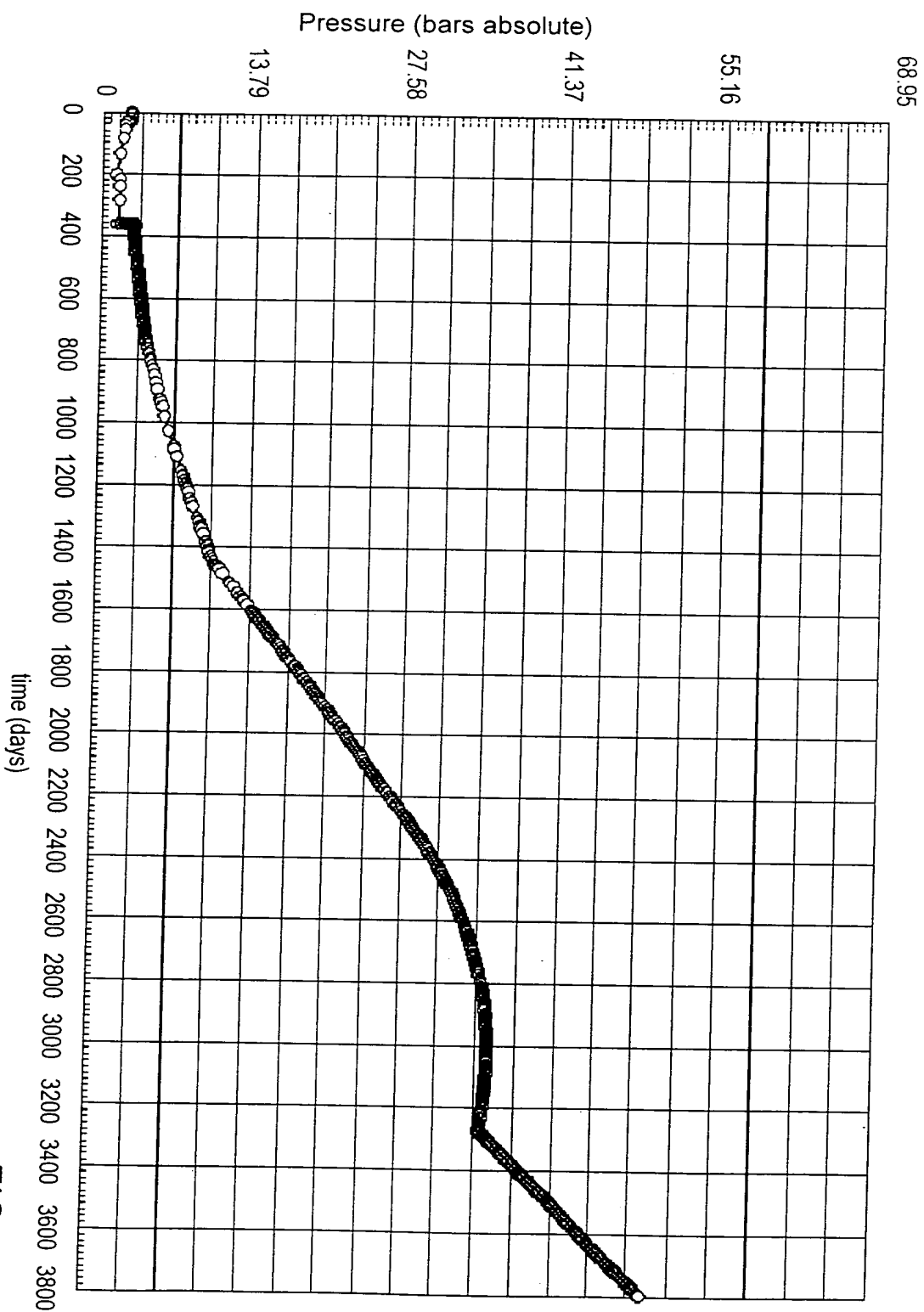


FIG. 133

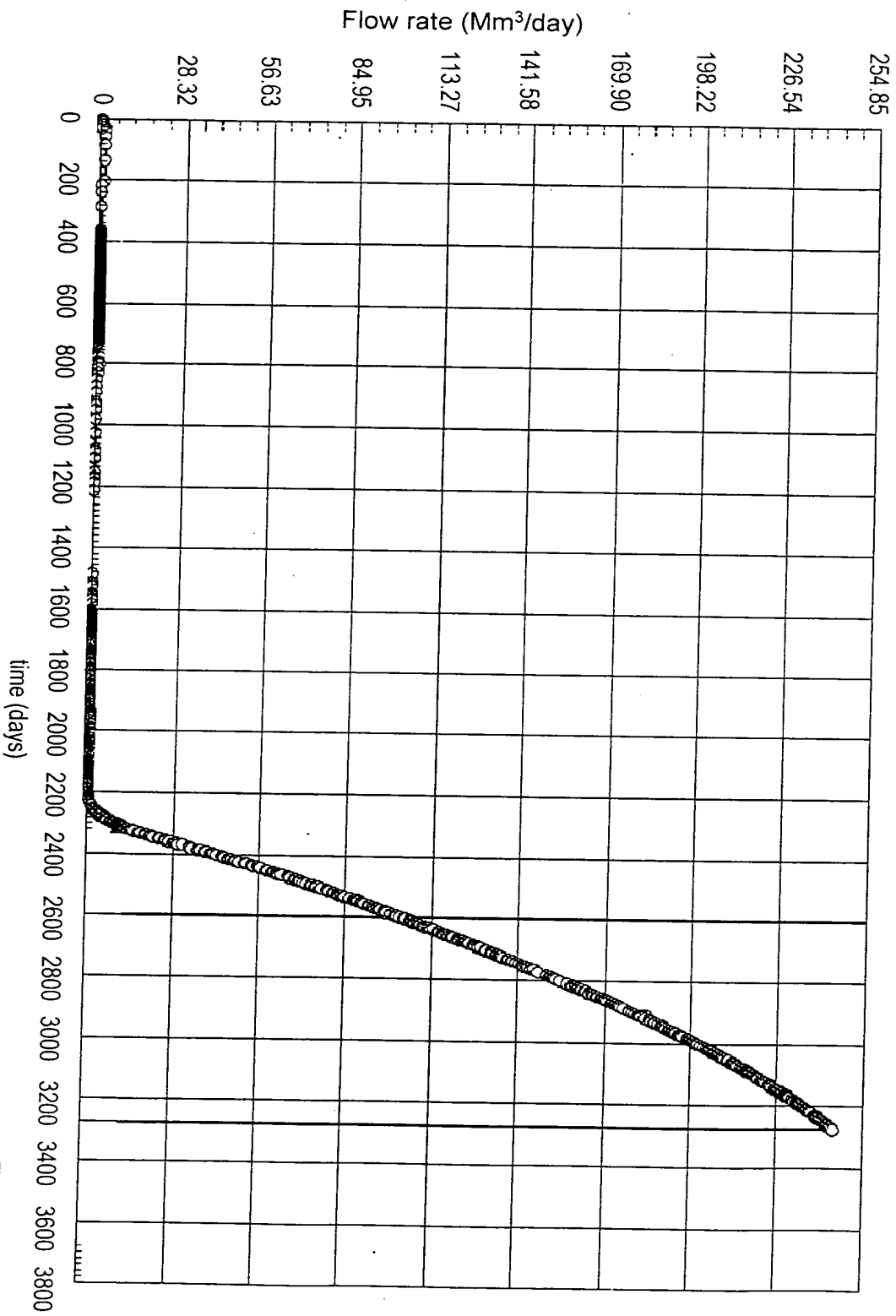


FIG. 134

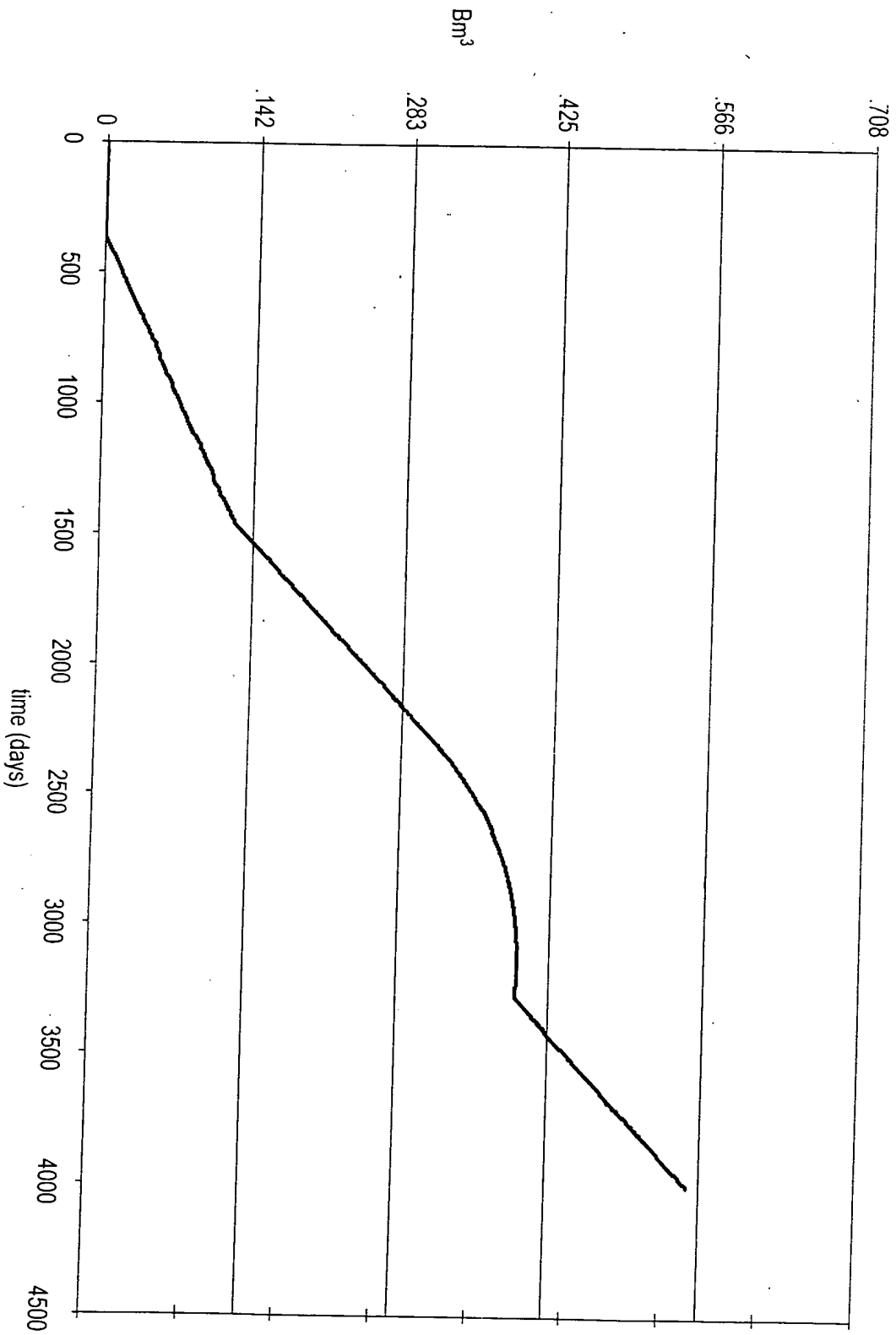


FIG. 135